

慮し、下記活動が提案された。

- (a) 中程を配慮し、既存の手引書を研究・修正する。(目標の大衆化)
- (b) 水道設置に対する社会／住民の自覚を間接的に高め、社会の参加を促すようインドネシアの全州へ修正した手引書を配布する。

結 論

インドネシアの水道設置開発政策及び戦略から種々の状態をうかがうことができた：一人当りの消費量、効果的投資額、開発費枠の復活、社会参加、低額所得者層の水道、汚染防止、実勢的水道料金及び運営能力の向上。

上記政策はできるだけ多くの国民に対して比較的早期に水道を設置し、福祉が向上／改善される方向へ向けられている。

以上から、設置活動のレベルを第5次5ヶ年計画では強化し、市町部では水道局の労働負担を2倍に、そして村落部では10倍以上に増強する。

需要と要求の調査研究を行う概念的アプローチ、地方開発に対する配慮、P3KT報告からの情報収集、優先順序決定の限定要素、飲料水会社の収入からの開発資金、民間からの開発資金及び手引書の完備について、既に定められた目標の達成から見て、より詳細に注意を傾ける必要があると思われる。

ジャカルタ、1989年3月
公共事業省
都市住宅総局
水 道 局

水道料金の計算及び構成に関する指針 (日本語訳)

水道料金の計算及び構成に関する指針

まえがき

水道料金の体系の考え方は同一料金の適用をしないという所に立っている。基本的に水道料金体系は利用者の分類によって、特に使用の目的によって、あるいは使用量などによって料金を変える。水道料金というものは利用者からの水道局／水道事業体に対する支払いであり（料金表に基づいて）、全ての利用者に対する料金は利用者の性格に従って料金表を作り、これを定めなければならない。現在の決められた水道料金の精算の仕方はインドネシアの水道局及び水道事業体において利用者の性格を考慮していない。この料金はただ利用者の支払義務からなり立っている。利用者によって所得面にも差があり、各々の市又は村では料金が当然変わる。考え方においては水道局は勿論水道料金の規則及び決定の仕方は同じである。いろいろ水道料金の決定の仕方も出来るが標準水道料金として決めることはむずかしい。

それは各利用者の層によってとか、いろいろな水道企業体の事情によって異なってくる。例えば、家庭用と工業用の水道料金の差もあり、場所によっても違いが出てくる。今迄の料金は一般家庭と工業用の料金は同じである。これは社会に対しての考え方があきらかに間違っている。無駄使いの水道及び限定された水道の使用の違いはまったく考慮されていない。以前の水道料金は採算を合わせるために作られた水道料金表であり、減価償却も考えられていない。以前、不十分な水道料金表が使用されている。この為に新しい料金表を作らなければならない。よりよい水道料金賦課の体系は下記のことを考慮に入れる：

1. 必要な水道料金を一般社会に統一する。
2. 公平な水道料金は各利用者の支払能力も考えなければならない。大部分の水道料金は経済的に豊かな利用者に負担させる。
3. 福祉の目的として、一般国民の為に、特に経済的に苦しい利用者が使用出来るような水道を作る。もし水道料金が高い場合は以上の人々が十分に水道を使用出来ず、生活が圧迫され、この結果病気の発生の原因になる。
4. 水道はすべての国民の物であり、水道料金を決める前に公平に料金表を作らなければならぬ。
5. この水道料金表の原則は無駄な使用を防ぐようにこの料金体系を作らなければならない。
6. 水道料金の体系は必要な水道のコストと国民の支払能力とを合致させなければならない。その他の水道事業体に対して生産が合うように考えなければならない。管理及び営業経費、取り付け及び取り替え経費を考えなければならない（減価償却も含める）。

水道料金体系の基本

1. 使用目的によって区別する。例えば家庭用、政府の関係（福祉及び財团的なもの）、民間会社、工業、港等。

以上の分類は、主に福祉の面に重点を置く。

参考：3-6ページの分類が明らかになっている。

2. それぞれの利用者の料金表を比較すると利用者の支払能力によって決定されている。
3. 下記の三つの考え方に基づく。
 - a. 公益及び福祉的な水道料金に対して政府が援助する。
 - b. 大衆及び福祉的な水道利用を産業面（工業、港の為に）では制限する。
出来るだけ企業側は自分自身の水道施設を造ること。
 - c. この方法は無駄な水道使用の仕方を防止することが出来る。

下記の表に分配する。

水道料金表の構成の指針

用途区分 (利用者) 使用分類 分類	I		II		III		IV	V
	a	b	a	b	a	b		
0-10m ³	0.8A	0.8A	1.0A	1.0A	2.5A	3.0A	4.0A	10.0
11-20m ³		1.0A	1.5A	1.5A				
21-30m ³		1.5A	2.0A	2.0A	5.0A	6.0A	8.0A	
30m ³ 以上		2.0A	3.0A	3.0A				

注意：

Aは合計の使用量の経費を割った数。

A 系数の計算の仕方は m³当りの売上（各分類の利用者別）

料金の比率は市の各利用者の最低支払能力に基づく。公益の水道（水浴及び飲水用）の料金は一般家庭よりも安くしなければならない。

家庭用及び政府関係用の水道は使用目的が違っているので必ず区別させる。例えば両方の料金額が同じようになるようにする。

利用者によって下記の分類が可能である：

I：福祉及び公衆の水道

a：-公衆水道用

-水浴用

-トイレ用

b：-健康診療所用

-政府のクリニック用

-教会用（イスラム教寺院、キリスト教会、仏教寺院）

-福祉及び財団（Y P A C、孤児院）

II : - 商業以外の家庭

- 政府の宿舎
- 軍の宿舎
- その他の宿舎及び会社の宿舎以外
- 政府の病院

III : - 商業

a - 店

- 食堂
- 旅館
- 民間事務所
- 民間病院

b - ホテル／レストラン

- サービスステーション
- 駅
- 高級娯楽場所（ディスコ及びナイトクラブ）
- プール
- 倉庫
- 印刷社
- 薬局

IV : 工業

- 工場（氷、製紙、砂糖、食品、飲み物）
- 工業（織物、化学、鉄工）
- 冷蔵倉庫
- 精米工場

V : 特殊商業

- 港、その他

水道料金決定の指針

水道料金を決定するには下記の項を考慮する：

1. 会社としての年間売上が運転資金をカバー出来るようにバランスを取り、その上福祉の面も考えなければならない。

下記のような年間売上の目的を基準にする：

- a. 必要な運転資金及び管理費を限定する。
- b. 運転資金及び管理費及び減価償却を限定する。
- c. 運転資金、管理費及び減価償却予算を予算の固定資金の中で決めなければならない。
(a) (b) 及び (c) の中から必要なものを選ぶ。

年間売上の目標は出来るだけ水道開発費、修理費及び施設の増加経費あるいは、インフレなど合わせなければならない。年間減価償却に対して固定資産は減価償却資産（投資）と呼ばれる。

純利益は売上－全経費（管理費、現在準備減価償却及び税金を含める。但し金利及び借り入れを含めない）

準平均固定資産はグロス売上－全経費（減価償却及び貯蓄寄付金 年初めから年末迄）割る2。

公式にすると返済資金は：

$$\text{返済資金} = \frac{\text{純利益}}{\text{平均純固定資産}} = \frac{\text{売上－全経費（金利含めず）}}{\text{平均純固定資産}}$$

以上の方式から下記の方式が出てくる：

$$\text{売上} = (\text{返済資金} \times \text{平均純固定資産}) + \text{全経費} - \text{金利}$$

ここで返済資金を水道局が事前に計算出来る。

－この調査は純固定資産が固定資産価額として－減価償却及び未払い収入。

この資産は定期的に計算される。但し、現実の固定資産価額ははっきりしていない。営業経費及び管理費というものは必要な水道の営業活動をする為の経費である。

－借り入れは、特に借入資金の返済及び金利と借入残。

売上は各々の利用者の有料水道使用に対してその料金に基づく。

2. 全水道料の供給の計算は漏水の事も考えなければならない。

他の売上／収入

水道売上の他に営業部門の売上もある。

1. メーターの機器の貸付料
2. 罰金の収入
3. 新しい施設の取り付け料
4. 断水及び再供給の費用

a.d.1. メーター機器の管理収入は利用者へのメーター機器の取り付けである。

この計算は、メーター機器の寿命と減価償却期間に対して、月当りの償却の価額を計算する。

この計算は取り付け日の計算の他に修理及び再取り付け費を加算する。

例：

メーター機器の買付価額	： Rp.15,000.-
寿命（償却）	： 5ヶ年（60ヶ月）
メーター機器の管理費	： $\frac{\text{Rp.15,000.-}}{60} = \text{Rp.250}$

1㎡あたり水道料Rp50として10m³水を使用した場合の請求する料金は以下の通り

使用した水 10 m ³	= Rp.50 × 10	= Rp.500
管理費		= Rp.250
請求する料金	合計	= Rp.750

a.d.2. 罰金という料金は、期限日に支払わない事に対するもので、期間（1週間、2週間、1ヶ月）によって罰金料金が違い、場合によって水道を止める。止める前に通知を利用者へ出す。

罰金料金の価額表は下記の通りにする。

- 合計の水道量×何%。
- 請求書の料金とは別途となる。

a.d.3. 新取り付け料金と言うものは、パイプ、水道メータの値段、取り付け及び配置経費又は保証金である。顧客が解約／止める場合、一部の保証金をその他の経費を計算してから返す。保証金は約2ヶ月である。もし2ヶ月の期間お客様が支払わない場合水道を止める。その方法では水道局が損をしない。パイプ及び水道メータの価格以外は会社の流動資産として記録する。収入としては、業務、配置、取り付けのみである。

この場合、新しい利用者のためにかかる費用は営業外収支と考えている。

例：

新規取り付け料金：

1. パイプの値段 0 - 0.5 φ長さ 6m	= Rp.10,000
2. 水道メーター機器	= Rp.15,000
3. 業務費	= Rp. 2,500
4. 取り付け費	= Rp. 5,000
5. 保証金	= Rp. 2,500

合計 = Rp.35,000

Rp. 35,000のうち、(3) と (4) Rp.7,500は新規取り付け費と考えている。

Rp.25,000は、未収の収入として帳簿に入れる。(5ヶ年間帳簿に対して流動資産と考えている)
 a.d.4. 止める料金及び再取り付け費は、業務費と考えている。新規取り付けよりも少ない。

水道料金の計算の実例

1. 1983年のティルタ水道局の予算計画は90,720 m³水量分の売上げ、及び2,000世帯の利用者である。

明 細 :

水量段階	0 - 10m ³		11 - 20m ³		21 - 30m ³		30m ³		計	
	顧客	消費者	客	消費者	客	消費者	客	消費者	客	消費者
家庭用	250	2,500	500	10,000	250	7,500	60	10,810	1,060	30,810
政府関係	50	500	70	1,400	60	1,800	20	3,100	200	6,800
中商企業	-	-	80	1,600	-	-	220	11,000	300	12,600
商業	-	-	200	4,000	-	-	170	17,000	370	21,000
工業	-	-	-	-	-	-	20	6,500	20	6,500
福祉	10	100	10	200	15	450	3	1,850	38	2,600
公衆	-	-	5	100	2	60	5	10,250	12	10,410
計	310	3,100	865	17,300	327	9,810	498	60,510	2,000	90,720

2. ティルタ水道局の売上げ予定24時間の営業経費を合わせるために毎月の経費を下記の通りとする。

- 給料及び他の人件費	Rp. 2,500,000
- 事務費	Rp. 935,600
- 燃料	Rp. 2,524,000
- 化学材料	Rp. 6,673,600
- 管理費	Rp. 1,759,500
- 営業経費及び管理費	Rp. 13,392,700
- 減価償却費	<u>Rp. 2,500,000</u>
- 総合計	Rp. 15,892,700

上記のデータに基づく水道料金表を作る。

3. 水道料金表は家庭料金 (A) ルピア

<u>家庭用料金</u>		
$250 \times 10 \times 1.0A$	=	2,500A
$500 \times 10 \times 1.0A + (10,000 - (500 \times 10) \times 1.5A)$	=	12,500A
$250 \times 10 \times 1.0A + 250 \times 10 \times 1.5A + ((7,500 - (250 \times 20)) \times 2.0A)$	=	11,250A
$60 \times 10 \times 1.0A + 60 \times 10 \times 1.5A + 60 \times 10 \times 2.0A + (10,810 - (60 \times 30) \times 3.0A)$	=	29,730A
	=	55,980A
<u>政府関係用料金</u>		
$50 \times 10 \times 1.0$	=	500A
$70 \times 10 \times 1.0A + (1,400 - (70 \times 10) \times 1.5A)$	=	1,750A
$60 \times 10 \times 1.0A + 60 \times 10 \times 1.5A + ((1,800 - (60 \times 20)) \times 2.0A)$	=	2,700A
$20 \times 10 \times 1.0A + 20 \times 10 \times 1.5A + 20 \times 10 \times 2.0A + ((3,100 - (20 \times 30)) \times 3.0A)$	=	11,100A
	=	15,750A
<u>中商企業用料金</u>		
$80 \times 20 \times 2.5A$	=	4,000A
$(11,000 - (220 \times 20)) \times 5.0A$	=	33,000A
	=	37,000A
<u>商業用料金</u>		
$200 \times 20 \times 3.0A$	=	12,000A
$(17,000 - (170 \times 20)) \times 6.0A$	=	81,600A
	=	93,600A
<u>工業用料金</u>		
$(20 \times 20 \times 4.0A) + (6,500 - (20 \times 20)) \times 8.0A$	=	50,400A
	=	50,400A
<u>福祉用料金</u>		
$10 \times 10 \times 0.8A$	=	80A
$(200 - (10 \times 10)) \times 1.0A$	=	100A
$15 \times 10 \times 0.8A + 15 \times 10 \times 1.0A + (450 - (15 \times 20)) \times 1.5A$	=	495A
$3 \times 10 \times 0.8A + 3 \times 10 \times 1.0A + 3 \times 10 \times 1.5A + (1,850 - (3 \times 30)) \times 2.0A$	=	3,619A
	=	4,294A
<u>公衆用料金</u>		
$10,410 \times 0.8A$	=	8,325A
	=	8,325A
合 計	=	265,352A

IKKにおける水道管理の手引き (日本語訳)

IKKにおける水道管理の手引き

都市住宅総局衛生技術局（現在の水道局）

ジャカルタ、1984年1月

各州 I K K プロジェクトマネージャー殿

IKKにおける水道管理の手引き

IKKにおいてすでに利用されている、あるいは利用される見込である水道施設が多く存在しているという事実を考慮すると、当然その管理方法の手引き／指示が必要とされる。現在までに、それらの施設の開発は、一部では100パーセント完璧であり、一部では、やっとIKKごとに5から7の共同水栓がやっと、という状態である。

こうした現状と、更に、1983年10月21日にジャカルタで行われた公共事業省、特に衛生技術局の会議での指針をもとに、我々は、諸君に、その管理の準備と、以下に述べる事項にある手引き／指示に従った管理を、至急取り行なってほしい。

1. 管理組織

IKKにおける水道施設管理組織は、以下の如く形成される。

- 1.1. 関係地域／県に水道会社（PDAM）という形の水道管理可能な機関があり、その機関がIKKの水道施設の管理をも行なう能力がある場合は、水道公社の単位で。
- 1.2. 関係地方／県に暫定水道公社（BPAM）という形の飲料／水道管理組織がすでにあり、その組織がIKKの水道施設の管理をも行なう能力がある場合は、BPAMの単位で。
- 1.3. 前出の1.1.及び1.2.に関するIKKの水道施設管理組織は、添付資料Ⅰを参照されたい。
- 1.4. IKKの水道単位の組織構成及び役割の説明は、添付資料Ⅱを参照されたい。

2. 管理の暫定委託と受託

PDAMやBPAMによる管理が必要であるからには、その管理委託のプロセスが必須であり、それは将来的な規定や方針を検討しつつ、暫定的な委託として行なわれる。

- 2.1. PDAMによって管理される予定のIKKについては、公共事業省地方事業局長から、第Ⅱ行政地区（県）の県知事／長へと、暫定的な管理委託が行なわれる。添付資料Ⅲの例を参照されたい。
- 2.2. BPAMによって管理される予定のIKKについては、IKKの水道プロジェクトマネージャーから、州の水道プロジェクトマネージャーへ、公共事業省地方事業局長の承認／同意のもとに、暫定的な管理委託が行なわれる。添付資料Ⅳの例を参照されたい。
- 2.3. 管理委託及びプロジェクトの準備においては、大統領決定14A82章に基づき、それによってプロジェクトの各地域が、現行の法律関係諸事項の規定に見合った計画、資金調達、備品目録作成、等々を進めていただきたい。

3. 職員の確保

3.1. IKKの水道ユニット（地区単位）のための経営側の職員は、できるだけ、その地域（その郡）より採用する。

3.2. 技術系及び財務事務系の職員は、いずれも普通中学／技術系中学までの学歴／資格を有するものであること。また、地区長は、普通高校／技術系高校までの学歴／資格を有するものであること。

仮に、関係郡において、規定以上の学歴の職員が採用されようとも、その賃金や月給は、あくまで規定通りである。（職員；普通中学校／技術系中学校、地区長；普通高校／技術系高校）

3.3. IKKにおける水道施設運営のために必要とされる労働力の数は、添付資料VIにあるように運営システムやキャパシティによる。

4. 飲料水／水道の料金決定及び接続費用の決定

4.1. 飲料水／水道の料金決定

4.1.1. IKKにおける水道システムでは利用者たちはレストリクターという水流制御装置を使用しているため、飲料水／水道の料金は“一定料金”システムで定められている。これは、各戸給水栓の場合も、共同水栓として使用する場合も、月々同様である。

4.1.2. 飲料水／水道の料金の総計は、当面は、現在ある水道施設の運営と維持のための費用をカバーするに過ぎず、費用削減となる程の見込みはまだ期待できない。

4.1.3. IKKにおける水道のための運営及び維持費用の見積りは、その運営システムとキャパシティに左右される。そして、その見積りが基本となって、各戸給水栓及び共同水栓両者の水道／飲料水の料金を決定される。

月々の運営と維持のために費用見積りの表は、添付資料VIIの24時間運営での見積りを参照されたい。

4.1.4. “4.1.3.”（添付資料VII）に記述されている運営及び維持費用に基づくと、各戸給水栓用及び共同水栓用の水道／飲料水の料金は、添付資料VIIIにあるようになるべきである。

4.1.5. 各々の地域の住民の財力（経済社会）を考慮し、以下のような規定で相互に補助金をやりくりする、という方法が必要とされる。

a. IKK地区は、同県内のIKK地区間で補助金を融通し合える。

b. IKK地区は、親（本所）であるPDAM／BPAMより補助金／援助を受けることができる。

c. IKK地区は、運営・維持費用が水道料の収入と収支見合う程度になるまでの期間は、APBN（水道プロジェクト）を通じて補助金を受けることができる。

d. IKK地区は、APBDを通じて補助金／援助を受けることができる。

4.1.6. 上述のような事項を基に、将来的な決定がなされる前の暫定的な指針として、水道／飲料水の料金は、添付資料IX（相互補助金システムのある見積り）に記載されている様

に行なわれる。(添付資料IX不明)

4.1.7. 水道料金の収入が運営・維持費をカバーするために必要な各戸給水栓数及び共同水栓数は、添付資料Xを参照されたい。(各戸給水と共同水栓が、フレキシブルに取付可能だとした場合)(添付資料X不明)

4.1.8. 消費者/利用者の負担を軽減させるために、水道/飲料水料金の支払いシステムは、各週あるいは2週おきの分割払い(クレジット)の方法で行なわれる。

4.2. 各戸給水の費用決定

4.2.1. IKK地区の水道/飲料水設備をより確かなものとして保持していくためには、住民たち自身もその所有者であるということを自覚させて、彼らに各戸給水栓/共同水栓の費用の負担を負わせることが必要である。

4.2.2. 各戸給水の場合の費用総額は、1軒当たり15,000.-ルピアである。そのうち2,500.-ルピアは前金として、...残りの12,500.-ルピアは、利用者となる者の財力に応じて分割払いができる。この費用内では、公のパイプから引くパイプの長さは最高10メートルと限られており、それ以上の延長は、メートル当たり1,500.-ルピアで、利用者となる者の負担/責任となる。

4.2.3. 政府からの費用/資金の調達にはAPBN/IKK水道プロジェクトが、

- 10メートルのパイプと制御装置の必要性。
- 400リットルのキャパシティを有する施設。

を配慮することによって、行なわれる。

4.2.4. 共同水栓の所有者となる者は、その接続費用5,000.-ルピアを、前金1,000.-ルピア、残りの4,000.-ルピアをその財力に応じて分割払いをする。

4.2.5. 政府からの費用/資金の調達はAPBN/IKK水道プロジェクトが以下のものにつき整備する。

- 3.5立方メートルの容積の水道タンク
- 公のパイプからタンクまでのパイプ設備
- 共同水栓のための土地の開放
- その他の設備

4.2.6. 水道接続費としての収入は、IKK水道地区の資金として、事業開発、設備の修理/交換費のために利用される性質のものであり、その他の用途に使われてはならない。

5. 住民への説明

5.1. IKKの水道プログラムを成功させるためには、概して、あるいは特に、その運営において地域住民の参加が必要である。

5.2. IKK地区内の水道/飲料水運営において住民の参加を仰ぐためには、IKK水道プロジェクトオフィス、暫定水道公社(BPAM)、水道公社(PDAM)が、公式に、あるいは非公式に、住民のリーダーを通じて説明をする方法をとる。

5.3. 住民に対する、IKKの水道運営に関する説明は、以下のような内容を含む：

- 飲料水/水道について、その実施、運営、配給その他の角度からの一般知識
- 健康その他に深くかかわる飲料水/水道の人間にとっての重要性
- 操業、保存、維持における、適正な水道運営の必要性
- 水道/飲料水の運営費（実費）のみである水道料金と接続費用は支払うよう、住民は貯金しておくことが大切である
- 地区の水道設備は自分たちの所有物である、という意識を住民が持つこと

以上の1から5の点を考慮して、準備段階における確実、迅速、かつ適切な方法/手段をとることが必要であり、それによって良い結果も得られることだろう。

とりわけ早急に行なわれるべき事/方法は以下のようなものである。

- IKK水道プロジェクトの運営において、責任を持って仕事のできる職員たちの確保
- IKK水道プロジェクトの住民指導において、責任を持って仕事のできる職員たちの確保
- IKK水道運営に関係の深い機関、例えば地域のリーダー、公共事業省地域事業局、水道プロジェクトオフィス、BPAM/PDAM,その他と、積極的に連絡をとり、接触をもつこと
- 運営に関する各段階の計画/プログラム、予算見積り、実施について、総合的かつ詳細な計画を立てる
- 他の機関によって現在行なわれている各々の段階実施の方法あるいは進行について、積極的にモニターし、また援助する
- 備品在庫目録、すでに/現在行なわれている様々なことから、更にその問題や課題についてのデータを備える
- 公共事業省衛生技術局（水道局）及びIKK水道プロジェクトオフィス本部に対し、実施した内容/方法を定期的に（最低月々）報告する。

以上が我々からの指示/方向づけである。諸君の協力と関心に対して感謝したい。

衛生技術局長

工学士 スラトモ・ノトディプロ

NID.110007681

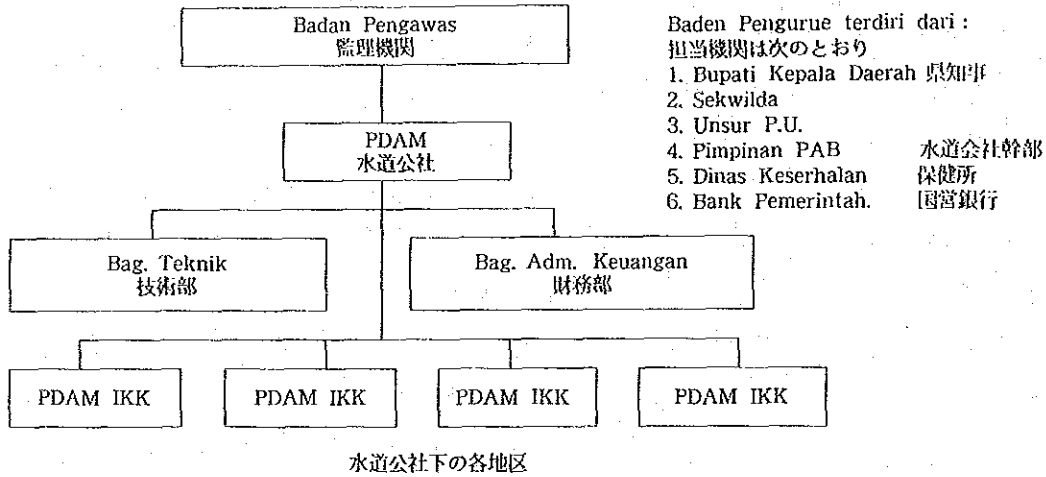
コピー：

1. チプタ・カルヤ総局長
2. 公共事業省州事業局長
3. チプタ・カルヤ総局内部長各位
4. DTP内 Para Ka・Sub.Dit & Ka.Bag.Tu
5. 州水道プロジェクト
6. IKK 水道プロジェクト本部
7. 保存書類

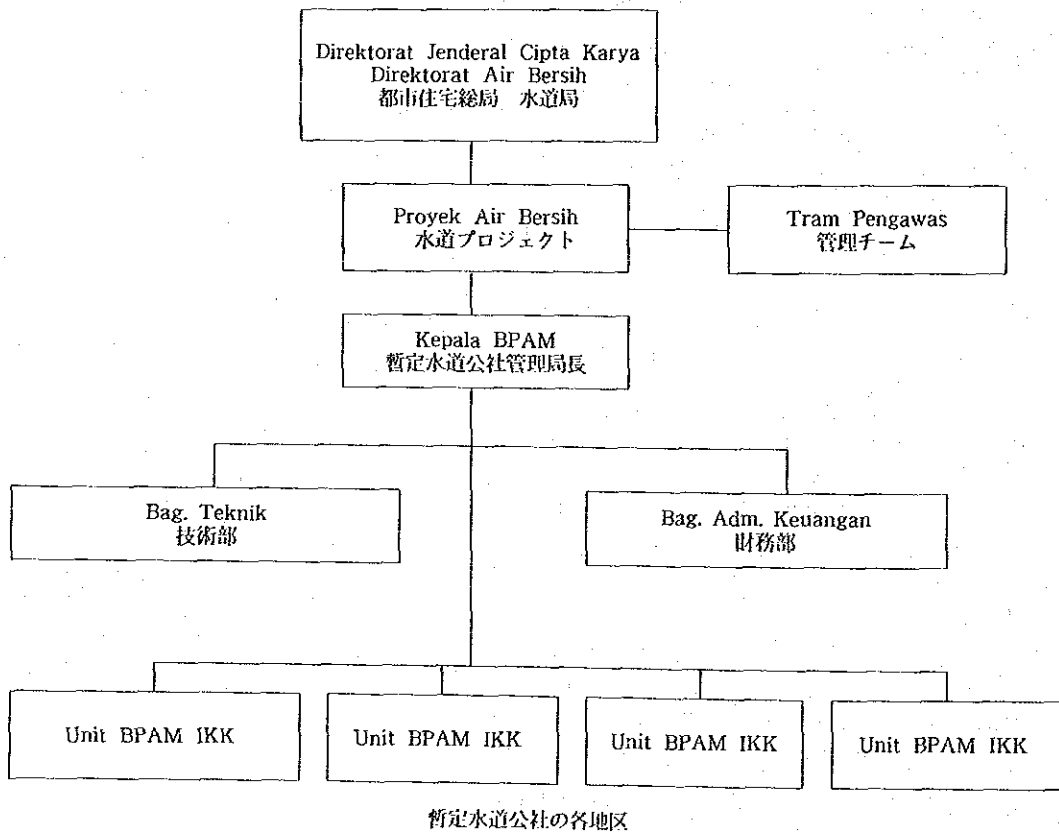
添付 I I K K水道設備の運営組織と任務

I K K水道設備の運営組織は次のとおりである：

Ad. 1. Merupakan Unit dari Perusahaan Daerah Air Mimum.(PDAM)
水道公社の地区 (ユニット)



Ad. 2. Merupakan Unit dari Badan Pengelola Air Minum. (BPAM)
暫定水道公社の地区 (ユニット)



郡都浄水池区（ユニット）の組織構成と任務

飲料水地区の活動は、おおまかには、以下のようなものである：

1. 水の供給（販売）

IKK（数家族が集まった程度の地区単位）の飲料水地区においては、メーターのチェックや使用水量の計算は行なわれない。

水の販売に関しては、3種類の書式のみが使用される：

- 水道料金の請求書
- 領収書
- 請求管理簿
- 出納帳

本部からの金、つまり水道料金やその他の収入は、直接どんなことにも利用されてはならない。

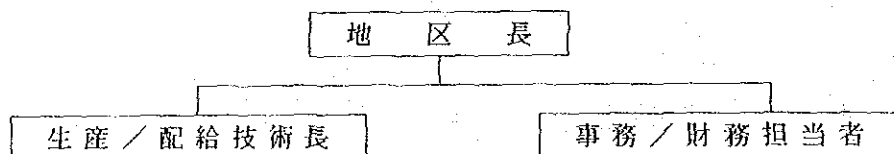
2. 現金資金

事業運営の遂行のためには、緊急かつ偶発的な万が一の時をしのぐための資金／現金が必要である。

3. 道具／材料の準備

特に運営の準備のために、本部（地域飲料水会社／飲料水管理局）から月毎に必要な割当が得られ、本部（地域飲料水会社／飲料水管理局）では、それを飲料水地区費用と記する。

IKKにおける地区組織の構成及び任務



説明

初期の段階においては、利用者数が施設の規模に見合わない少数であるので、職員削減のため、一人が幾つかの役割を兼任する。例えば、地区長が事務及び財務担当も兼ねるとか、技術／配給担当を直接行なう、等である。

職務の説明

地区長

- 事業目的達成に向けて、BPAM/PDAM（本所）幹部によって示される地区事業の実行を指導する。
- 地区における事業の実施内容についての定期的な報告を公社幹部に対して行なう。
- 地区における予算見積り案を出し、BPAM/PDAMの本所幹部に提出する。
- 指導部（幹部）により定められた、その他の業務を行なう。

生産／配給技術担当者

- 資源製造の設備を有能かつ効果的に作動させ、維持し、管理する。
- 生産部における全組織の仕事が順応に進むように努力し、生産面における会社の方針に一致するよう提議する。
- 伝達／配給の設備の維持・管理を行い、顧客の拡張をはかる。
- 一般の蛇口を使用するにあたっては、検査を行い、水蓋（アフスライター）やその他の部品の維持にあたる。
- 故障・漏水時には改修を行い、飲料水管理局（BPAM）や地域飲料水会社（PDAM）の本社の要求に応じて上司にすぐに報告する。
- 飲料水管理局（BPAM）及び地域飲料水会社（PDAM）の幹部の方針に基づき支社の幹部が決定する職務を遂行する。

総務及び財務担当者

1. 総務部、財務部の下部組織（ユニット）の活動を指導し、監視する。
2. 帳簿をきちんと記録させ、財務及び物資調達を報告を下部組織（ユニット）の長とBPAM/PDAMの本社に行う。

3. 顧客にお金の請求を、集中的かつ効果的に行い、監視する。
4. 水道料金明細書、水道料金請求書及びその他未払いの料金が下部組織（ユニット）に支払われた際に、それを受け取る。
5. 日毎の受け取った金銭、貨幣、有価証券などの記録、管理及び報告を行う。その他組織の長に任命される他の職務も遂行する。

BERITA ACARA
PENYERAHAN PENGELOLAAN SEMENTARA SARANA PENYEDIAAN
AIR BERSIH IBU KOTA KECAMATAN
KOTA :

NOMOR :

Pada hari ini, , tanggal , bulan tahun seribu sambilan ratus delapan puluh , kami yang bertanda tangan pada akhir berita acara ini :

1. : Kepala Kantor Wilayah Pekerjaan Umum Propinsi , atas nama Bagian Proyek Air Bersih Ibu Kota Kecamatan Propinsi yang selanjutnya disebut sebagai PIHAK KESATU.
2. : Bupati Kepala Daerah tingkat II bertindak untuk dan atas nama Perusahaan Daerah Air Minum, yang selanjutnya disebut sebagai PIHAK KEDUA.

dengan ini
~~Bersama-sama~~ bersepakat menyelenggarakan serah terima Pengelolaan Sarana Penyediaan Air Bersih sebagai berikut :

PASAL 1

Pihak Kesatu dengan ini menyerahkan dan Pihak Kedua menerima penyerahan Pengelolaan Sarana Penyediaan Air Bersih Ibu Kota Kecamatan, Kota

PASAL 2

Pihak Kedua akan menyerahkan Pengelolaan Sarana Penyediaan Air Bersih IKK sebagaimana dimaksud pada Pasal 1 (satu) kepada Perusahaan Daerah Air Minum

PASAL 3

PDAM Kabupaten Daerah Tingkat II sebagaimana dimaksud pada pasal 2 (dua) adalah Perusahaan Daerah yang dibentuk dengan Peraturan Daerah Tingkat II yang bersangkutan berdasarkan Undang-Undang Nomor 5 tahun 1974 dan Undang-Undang Nomor 5 tahun 1962 berhubungan dengan Undang-Undang Nomor 6 tahun 1969.

PASAL 4

Dengan dilaksanakannya serah terima ini, semua wewenang dan tanggung jawab pengelolaan air bersih sebagaimana dimaksud pada pasal 1 (satu) beralih sepenuhnya dari Pihak Kesatu kepada Pihak Kedua.

PASAL 5

Dalam pelaksanaan pengelolaan sarana penyediaan air bersih IKK, sebagaimana dimaksud pada pasal 1 (satu), Pihak Kedua menjamin penerapan prinsip-prinsip ekonomi perusahaan yang sehat, tanpa mengabaikan fungsi sosial, dan memperhatikan kemampuan masyarakat banyak dalam upaya memenuhi kebutuhan air bersih, yang memenuhi syarat-syarat kesehatan, kecukupan dan kesihambungan.

PASAL 6

Dalam penyerahan pengelolaan sarana penyediaan air bersih IKK ini, Pihak Kesatu masih tetap akan memberikan pembinaan dan bimbingan teknis.

PASAL 7

Penyerahan kekayaan (asset) akan diatur oleh Menteri Keuangan sesuai dengan peraturan perundangan yang berlaku.

PASAL 8

1. Hal-hal yang masih memerlukan pengaturan lebih lanjut, akan diatur bersama antara Ka. Kabid PU Propinsi dengan Bupati Kepala Daerah Tingkat II

Demikian berita acara serah terima sementara ini dibuat dan ditanda tangani oleh kedua belah pihak pada hari dan tanggal sebagaimana tersebut pada awal Berita Acara ini.

PIHAK KEDUA

BUPATI KEPALA DAERAH
TINGKAT II

(.....)

PIHAK KESATU

KEPALA KANTOR WILYAH PU
PROPINSI

(.....)

委 託 内 容 書

IKK水道設備暫定運営委託

都市名： _____

番 号： _____

198 年 月 日、我々はこの委託内容書の最後に署名を行い、

1. _____ 地域地方公共事業局長は、_____ 地域 IKK 水道プロジェクトを代表して、以下甲と呼ぶ。
2. _____ 第二行政地域（県） _____ の長である県知事は PDAM を代表し、以下乙と呼ぶ。

両者合意のうえ、以下のように水道設備運営の委託を取り行うこととする。

第一条

甲はこの議定書により、乙に _____ 都市の IKK 飲料水供給設備運営を委託するものとする。

第二条

乙は、第一条に述べられているように、IKK 飲料水供給設備運営を _____ 水道公社に委託する。

第三条

第二行政地域（県）の県知事つまり水道公社は、第二条で述べたように、1969年の県条例No.6と関連した1974年県条例No.5及び1962年県条例No.5に基づく第二行政地域法により設立された地域会社である。

第四条

この委託内容書の引渡しによって第一条で述べたように、飲料水管理に関する全権力及び全責任は、甲から乙にすべて委譲されるものとする。

第五条

IKK 水道設備運営においては、第一条で述べたように、乙は、社会的役目をおろそかにすることなく、健全な会社の経済的原則を遂行することを保証しなければならない。また多くの庶民の経済力に見合った適正な価格により、衛生的で十分な量の飲料水が継続的に供給できるように努力すること。

第六条

この IKK 水道供給設備運営の委託において、甲は技術の確立と指導にあたるものとする。

第七条

資産の委譲は現行の法規にのっとり、大蔵大臣によりなされる。

第八条

1. 必要に応じて、甲乙両者協議のうえ規定を定めることとする。

以上のように、この工事内容書の最初に書かれた日付・曜日に甲乙両者により暫定的工事内容書の委譲はなされ、ここに両者署名する。

乙
第二行政地域____(県)
県知事
()

甲
____州
地方公共事業局長
()

BERITA ACARA
PENYERAHAN PENGELOLAAN SEMENTARA SARANA PENYEDIAAN
AIR BERSIH IBU KOTA KECAMATAN
KOTA :

NOMOR :

Pada hari ini, _____, tanggal _____, bulan _____ tahun _____ seribu sembilan ratus delapan puluh _____, kami yang bertanda tangan pada akhir berita acara ini :

1. _____ : Pemimpin Bagian/ Proyek Air Bersih Ibu Kota Kecamatan Propinsi _____
Selanjutnya disebut sebagai PIHAK KESATU.
2. _____ : Kepala Proyek Air Bersih Propinsi _____, selanjutnya disebut sebagai PIHAK KEDUA.

Sambil menunggu ketentuan lebih lanjut sesuai dengan prosedur yang resmi, kami ~~bersama-sama~~ ^{bersama-sama} bersepakat menyelenggarakan Serah Terima Sementara Pengelolaan Sarana Penyediaan Air Bersih Ibu Kota Kecamatan sebagai berikut :

PASAL 1

Pihak Kesatu menyerahkan sementara dan Pihak Kedua menerima penyerahan sementara Pengelolaan Sarana Penyediaan Air Bersih Ibu Kota Kecamatan Kota

PASAL 2

Pihak Kedua akan menyerahkan Pengelolaan Sarana Air Bersih sebagaimana dimaksud pada pasal 1 (satu) kepada Badan Pengelola Air Minum,

yang bersangkutan untuk dimanfaatkan sebagai Unit/ Cabang SPAM.

内 容 書

I K K水道設備暫定運営委託

都市名： _____

番 号： _____

本日198 年 月 日、この委託内容書の最後に署名を行い、

1. _____ : _____州における郡部（I K K）水道プロジェクト部部长。以下甲と呼ぶ
2. _____ : _____州水道プロジェクト責任者、以下乙と呼ぶ。

正式な手続に基づいた、後の決定を待つと同時に、暫定的I K K水道設備運営委託の引き渡しを以下のように行うことに甲乙両者同意する。

第一条

甲は乙の都市 _____ におけるI K K水道設備運営の一時的な委託を行う。

第二条

乙は第一条と同様に暫定水道公社に水道設備運営の委託をする。暫定水道公社支社ならびにその下部組織の利益に供する。

PERUSAHAAN AIR MINUM
(水道公社)

SURAT PERINTAH KERJA PEMASANGAN INSTALASI LANGGANAN
(SPKP)
(水道設備取り付け工事発注書)

Kopada :
(御中)

Supaya segera diadakan Pemasangan Instalasi di rumah tersebut dibawah ini dan selanjutnya
harap disampaikan Laporan Hasil Pemasangan, Berita Acara dan Bukti Serah Terima.

(下記の家において設備の取り付けを行い、取り付け工事結果、工事内容書及び
工事済証明書を提出すること)

Untuk pemasangan :
(取り付け項目)

L o k a s i :
(地 区)

Nama calon langganan :
(顧 客 名)

A l a m a t :
(住 所)

.....
Kepala Bagian Teknik.,
(技術部長)

(.....)

インドネシア国水道関連レポート・リスト

運営及び維持費用の見積り説明

見積り

1. 平均職員給与 25,000.-ルピア/月/人
2. 事務費用 25.-ルピア/利用者との連絡
3. 化学材料
 - アルミニウム 400.-ルピア/キログラム
 - 上質石灰 2,500.-ルピア/キログラム
 - 石 灰 150.-/キログラム
4. 燃 料
 - ディーゼル油 145.-ルピア/リットル
 - オリー 1,750.-ルピア/リットル
 - フィルターオリー 12,500.-ルピア/個
 - フィルターディーゼル油 10,000.-ルピア/個
5. 維持費は運営費の10パーセントと推定される。
6. キャパシティ2.5リットル/秒の費用として見積り計算を行う。

職 員 数

キャパシティ	泉	井戸	完全設備
2.5 l/秒	3	4	5
5 l/秒	3	4	5
10 l/秒	5	6	7

利 用 数

キャパシティ	直接接続	公共水道
2.5 l/秒	180	9
5 l/秒	360	18
10 l/秒	720	36

A. 泉

化学材料（上質石灰）の見積り＝

$$\frac{2 \times 2.5 \times 3,600 \times 24 \times 30}{100} \times 2,500 \text{ルピア} = 32,400 \text{ルピア/月}$$

添付 VIII.

24 時間稼働

費用別	キャパシティ リットル/秒			キャパシティ リットル/秒			キャパシティ リットル/秒		
	M.A.G. 泉	S.B. 井戸	P.L. 水道	M.A.G. 泉	S.B. 井戸	P.L. 水道	M.A.G. 泉	S.B. 井戸	P.L. 水道
賃金	75,000	100,000	125,000	75,000	100,000	125,000	125,000	150,000	175,000
事務	4,500	4,500	4,500	9,000	9,000	9,000	18,000	18,000	18,000
化学材料費	32,400	32,400	155,520	64,800	64,800	311,040	129,600	129,600	622,080
燃料費	-	473,437	474,437	-	601,249	601,249	-	1,151,282	1,151,282
維持費	12,433	67,815	84,273	36,533	86,117	116,254	130,289	160,987	218,485
JUMLAH 合計	125,333	678,152	842,152	165,333	861,166	1,162,543	302,889	1,609,809	1,184,847
Tarif/PT S.L. RP	520	2,830	3,515	345	1,795	2,425	320	1,680	2,280
	175	950	1,175	135	600	810	110	560	760

M.A. Sumber Mala Air Gravity 自然泉
 S.B. Sumber Sumur Bor 掘抜き井戸
 P.L. Pengalahan Langkap 完全水道

附属資料 11. インドネシア国水道関連レポート・リスト

PROJECTS ON DATE: 4 JUL 1989

***** W.H.O. / E.H.E. / C.W.S. 1211 GENEVA 27 *****

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C.E.S.I. COUNTRY EXTERNAL SUPPORT INFORMATION

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TYPE OF REPORT: 6 Number of projects: 156

COUNTRY REPORT: INDONESIA

COUNTRY = INDONESIA (INS)

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INFO.	C.E.S.I.		
TYPE	ID. NO:	STATUS	SECTOR INFORMATION

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'MEETINGS INS 87 2 INFORM.

Decade Consultative Meetings was held in September 1987 in Jakarta, organized by WHO/SEARO and sponsored by GTZ. The meeting served the presentation of the country's strategies to the external support community. No detailed priority projects were presented.

COUNTRY = INDONESIA (INS)

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                PROJECTS: TITLE & DESCRIPTION
EXT.SUPPORT C.E.S.I.      REQST AGREE  START  COMPL  EXT-COMPONTS
AGENCY/GOVT. ID. NO:    STATUS   DATE   DATE   DATE   DATE   x 1000 US$
=====
:GOVREQUEST INS 86 1   PROPOSED      FEB86                                0.0
  Intensive Training Course on Deep Well Drilling, Constr. &
  O&M/WHO
  SEARO/INO/CWS/002
-----
:GOVREQUEST INS 86 2   PROPOSED      APR86                                0.0
  Strengthening Project Implementation Cipta Karya/Asian Devt.
  Bank
  No description.
-----
:GOVREQUEST INS 85 1   PROPOSED      MAR85                                218.0
  Construction of Sanitation Facilities/UNICEF noted project
  No description.
-----
:GOVREQUEST INS 85 2   PROPOSED      MAR85                                115.0
  Communication, Information Materials, Advocacy/UNICEF noted
  project
  No description.
-----
:GOVREQUEST INS 85 3   PROPOSED      MAR85                                25800.0
  Water Supply and Sanitation/UNICEF noted project
  No description.
-----
:GOVREQUEST INS 85 4   PROPOSED      MAR85                                2228.0
  Construction of Water Supply Systems/UNICEF noted project
  No description.
-----
:GOVREQUEST INS 85 5   PROPOSED      MAR85                                700.0
  Project Support Activities/UNICEF noted project
  No description.
-----
:GOVREQUEST INS 85 6   PROPOSED      OCT85                                1000.0
  Second East Java Water Supply Project/CIPTA KARYA/DGIS
  Staff Appraisal Report 5726-IND 30/10/85
-----
:GOVREQUEST INS 85 7   PROPOSED      OCT85                                43300.0
  Second East Java Water Supply Project/Cipta Karya/World
  Bank
  Staff Appraisal Report 5726-INO 30/10/85
-----
:GOVREQUEST INS 85 8   PROPOSED      OCT85                                1500.0
  Second East Java Water Supply Project/Cipta Karya/ADAB
  Staff Appraisal Report 5726-IWD 30/10/85
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COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT.	ID. NO:	STATUS		DATE	DATE	DATE	DATE	x 1000 US\$

=====

:GOVREQUEST INS 85 9 PROPOSED JUL85 0.0
Water Supply for Singaraja (Bali), Madaram, (W. Nusa Tenggara) & Kupang (East Nusa Tenggara).
No description.

:GOVREQUEST INS 85 10 PROPOSED APR85 3450.0
Preparation of Water Supply Packaged Programmes/Source:
BAPPENAS Blue Book
No description.

:GOVREQUEST INS 85 11 PROPOSED JUL85 300.0
Groundwater Data for Urban Water Supply/Source: BAPPENAS
Blue Book
No description.

:GOVREQUEST INS 85 12 PROPOSED JUL85 850.0
Water Quality Management of Citarum River Basin/Source
BAPPENAS
No description.

:GOVREQUEST INS 85 13 PROPOSED JUL85 250.0
Small Town Sanitation Programme/Source BAPPENAS Blue Book
No description.

:GOVREQUEST INS 85 14 PROPOSED JUL85 400.0
Logistics and Maintenance Management of Small Town Water
Supply/Source BAPPENAS Blue Book
No description.

:GOVREQUEST INS 85 15 PROPOSED JUL85 400.0
Strengthening of Management Information System/Source
BAPPENAS Blue Book
No description.

:GOVREQUEST INS 85 16 PROPOSED JUL85 450.0
Manpower Development Planning for Water Supply & Sanitation/
Source BAPPENAS Blue Book
No description.

:GOVREQUEST INS 85 17 PROPOSED JUL85 525.0
Water Supply and Sanitation Development for Cirabon &
Yogyakarta/Source BAPPENAS Blue Book
No description.

COUNTRY = INDONESIA (INS)

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		PROJECTS: TITLE & DESCRIPTION					
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONTS	
AGENCY/GOVT. ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$	

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:GOVREQUEST INS 85 18 PROPOSED JUL85 475.0
Strengthening of Planning Centre of Directorate of
Sanitary Engineering/Cipta Karya/Source BAPPENAS Blue Book
No description.

ASIAN DB INS 88 13 PROPOSED MAR88 2300.0
Segara Anakan Conservation and Development.
Technical assistance involving feasibility studies to assess
the viability of preserving Segara Anakan Lagoon and the
environmental/socioeconomic potential of the Lagoon and its
environs.
CO-FUNDING/COOPERATING AGENCY:
Cofinancing is envisaged.
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
DGWRD/DGRLR(Directorate General of Water Resource Devel. and
Directorate General of Reforestation & Land Rehabilitation).
CONSULTANT:
Will be required
WHOM TO CONTACT:
ASIAN DB, P.O. Box 789, Manila 2800

BELGIUM INS 88 6 PROPOSED 88 89 92 60000.0
Water Supply - 5 Towns - East Nusa Tenggara.
No description.
- PROJECT NO: 13404/00

CANADA/CIDA INS 88 1 PROPOSED 88 0.0
Water Resources Training - Phase III.
No description.
- PROJECT NO: 12621
WHOM TO CONTACT:
J. Kirch, CIDA, Ottawa, Hull.

GERMANY/KFW INS 86 6 PROPOSED 86 7098.0
Water Supply - Padang - Phase I.
Construction and equipment for urban water supply system
including public standposts, water transmission pipes, sto-
rage facilities, secondary distribution system and installa-
tion of approx. 16.300 house connections. Feasibility study
has been finalized.
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DGHS (Ministry of Public Works/Directorate General of
Human Settlements, Cipta Karya)
WHOM TO CONTACT:
Meyer-Gohde (UAL), KfW, Tel: 69/7431-1

COUNTRY = INDONESIA (INS)

PROJECTS: TITLE & DESCRIPTION	
EXT.SUPPORT C.E.S.I.	REQST AGREE START COMPL EXT-COMPONTS
AGENCY/GOVT. ID. NO: STATUS	DATE DATE DATE DATE x 1000 US\$
ASIAN DB	INS 88 14 ONGOING JAN88 NOV88 88 175000.0
Second Medan Urban Development Project, North Sumatra Province.	
Development of Dell river surface water resources; provision of 2 reservoirs with pumping stations; extension of water distrib. network incl. house connections; extension/const- ruction of 2 new sewerage pumping stations; laying of 54km of trunk sewers & 31km of laterals; sewerage house connect.; improvement of drainage; development of solid waste manag. system incl. supply of equip.; extension of community progrs. ; flood control; institutional development; and training.	
NUMBER OF PEOPLE SERVED: 2595000 for all the various project areas.	
GOVERNMENT CONTRIBUTION: Equity contribution US \$ EQUIVALENT (x1000): 35000.0	
CO-FUNDING/COOPERATING AGENCY: North Sumatra Province US\$9.8m equity contribution.	
TOTAL PROJECT COST: US\$101.7m foreign exchange; US\$118.1m local currency US \$ EQUIVALENT (x1000): 219800.0	
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DGHS (Ministry of Public Works/Directorate General of Human Settlements); plus others.	
CONSULTANT: To be recruited by DGHS.	
WHOM TO CONTACT: ASIAN DB, P.O. Box 789, Manila 2800	
ASIAN DB	INS 88 15 ONGOING MAR88 DEC88 88 590.0
Water Quality Management Sector Project, Java.	
Assist Government in preparing a program for cleaning up rivers in priority areas of Java by controlling industrial wastewater discharge and upgrading and maintaining water quality procedures. Study carried out in Java's 4 major industrial areas. Evaluation of adequacy of existing institutional programs.	
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DEWQ (Ministry of Public Works/Division of Environment and Water Quality).	
CONSULTANT: To be recruited by ASIAN DB.	
WHOM TO CONTACT: ASIAN DB, P.O. Box 789, Manila 2800	
AUSTRALIA	INS 83 12 ONGOING 83 1621.6
Denpasar Water Supply System, Sanur Area Extension	
Assistance for the extension of the water supply system in the Denpasar Sanur area and to the Provincial Civic Centre.	
CONSULTANT: Scott & Furphy Engineers	

COUNTRY = INDONESIA (INS)

PROJECTS: TITLE & DESCRIPTION		REQST	AGREE	START	COMPL	EXT-COMPONTS
EXT.SUPPORT	C.E.S.I.	DATE	DATE	DATE	DATE	x 1000 US\$
AGENCY/GOVT. ID. NO:	STATUS					
AUSTRALIA	INS 83 13 ONGOING			83		1303.5
	Irian Jaya Water Supply Project Engineering design studies for the development of new and improved water supply facilities for 10 towns in Irian Jaya.					
AUSTRALIA	INS 83 14 ONGOING			83		2607.0
	Institutional Support for Cipta Karya Provision of consultant services on financial & management systems, conduct of on-the-job training programmes & introduction of control & tariffs systems to help strengthen the administration of the Indonesian Government Department responsible for water supply sector development. CONSULTANT: W.D. Scott & Co. Ltd					
AUSTRALIA	INS 83 15 ONGOING			83		2867.7
	Rural Water Supply and Sanitation Project, Lombok Island Provision of consultant services to assist the Indonesian Government to develop low-cost technology for a programme of water supply & sanitation schemes in small rural communities.					
AUSTRALIA	INS 81 2 ONGOING			81		2703.6
	Kota Bumi Water Supply - Lampung Province Design, supply of materials & supervision of the construction of a reticulated water supply system for the city of Kota Bumi in Lampung Province, South Sumatra. GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DHC (Ministry of Public Welfare/Department of Housing and Construction) CONSULTANT: Laurie, Montgomerie & Pettit Pty Ltd					
AUSTRALIA	INS 80 1 ONGOING			80		9851.4
	Cilacap Water Supply Provision of equipment & technical advisory assistance for the installation of a reticulated water supply system for Cilacap in Central Java. GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DHC (Ministry of Public Welfare/Department of Housing and Construction) CONSULTANT: Scott & Furphy Engineers					

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	AGENCY/GOVT. ID. NO:	PROJECTS: TITLE & DESCRIPTION	STATUS	REQST DATE	AGREE DATE	START DATE	COMPL DATE	EXT-COMPONENTS x 1000 US\$
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CANADA/CIDA INS 86 12 ONGOING JUL86 SEP86 SEP90 3625.0

Care-Sulawesi Rural Community Development.
Provision of CIDA funding for financial, technical and training services support for the construction and maintenance of water supply systems, health instruction, training and community-based income generating activities; baseline surveys, formation of village communities, motivation of villagers, water and sanitation construction in 162 villages, training.

- PROJECT NO: 13894

NUMBER OF PEOPLE SERVED:

8000000 (143000 women)

GOVERNMENT CONTRIBUTION:

US \$ EQUIVALENT (x1000): 3524.0

CO-FUNDING/COOPERATING AGENCY:

CARE

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 7651.9

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

DOH (Department of Health), GOI (Government of Indonesia), CARE.

INTERNATIONAL/EXTERNAL EXECUTING AGENCY:

NGO/CARE No:

CONSULTANT:

CARE (Canada), Rhael Coussineau (executing agency).

WHOM TO CONTACT:

J. Kirch, CIDA, Ottawa, Hull. Tel 997 1277

CANADA/CIDA INS 77 4 ONGOING 77 90 4715.0

Water Resources Training.

Training for 53 fellowships, 50 professionals at Master's level and 3 PhD's, all at University of Manitoba. Training seminars in Indonesia for 250 professionals. Part of continuing programme to upgrade the staff of the Water Resource Development Department of Works.

- PROJECT NO: 10653 + 14260

WHOM TO CONTACT:

CIDA, Ottawa, Hull.

DUTCH/DGIS INS 87 4 ONGOING JUL87 DEC88 194.0

Twinning PWM Bloemendaal en PDAM - Bogor, West Java.

Subsidy of twinning between Indonesian and Dutch drinking water firms.

- PROJECT NO: ID/87/950

WHOM TO CONTACT:

H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

COUNTRY = INDONESIA (INS)

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		PROJECTS:		TITLE & DESCRIPTION				
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONTS		
AGENCY/GOVT.	ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$	

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DUTCH/DGIS INS 87 5 ONGOING JUL87 JUL88 278.9
Rehabilitation of Drinking Water System - Tarutung, North
Sumatra.
Repair of the drinking water system in Tarutung due to
landslides (see also project ID/00/040).
- PROJECT NO: ID/87/029
CONSULTANT:
Deresco
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 87 6 ONGOING 87 90 304.9
Integrated Streekontw. Digulgebied/ICCO - Kouh, Citah-Mitak,
Irian Jaya.
Integrated rural development project to improve the social
economic situation of the population of Digul area in Irian
Jaya.
- PROJECT NO: ID/87/025
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 87 7 ONGOING JUL87 MAR89 351.4
Network Training Centre for Water and Waste Management -
Bandung, West Java.
Strengthening local capacity in establishing drinking water
and sanitation infrastructure.
- PROJECT NO: ID/87/023
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 87 8 ONGOING 87 3464.8
Training Programme Sanitary Engineering in Delft,
The Netherlands.
Post-graduate course in drinking water supply and sanitation
engineering in Delft; candidates selected by Cipta Karya
(see also project ID/00/032).
- PROJECT NO: ID/87/022
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

COUNTRY = INDONESIA (INS)

PROJECTS:		TITLE & DESCRIPTION		REQST	AGREE	START	COMPL	EXT-COMPONTS
EXT.SUPPORT	C.E.S.I.	AGENCY/GOVT. ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$
DUTCH/DGIS	INS 87 9	ONGOING				JUN87	JUL90	349.2
Pilot Project Community Involvement - West Java ACEH								
Improvement of participation of the target groups for drinking water projects.								
- PROJECT NO: ID/87/015								
GOVERNMENT CONTRIBUTION:								
60,000,000 Rp								
US \$ EQUIVALENT (x1000): 0.0								
CONSULTANT:								
IWACO, DHV & IRC (v Wijk); Coordination Mw. Oomen								
WHOM TO CONTACT:								
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751								

DUTCH/DGIS	INS 87 10	ONGOING				APR87	APR88	491.5
GTA-IKK Organization Management and Training - Aceh, North Sumatra.								
To improve organization management and training in selected IKK's, in order to maintain a proper execution of existing and new drinking water systems.								
- PROJECT NO: ID/87/012								
WHOM TO CONTACT:								
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751								

DUTCH/DGIS	INS 87 11	ONGOING				JAN87	DEC89	2200.8
GTA-IKK Water Supply - Aceh.								
Installation of drinking water supplies in villages in the Aceh Province; see also project ID/00/041.								
- PROJECT NO: ID/87/011								
WHOM TO CONTACT:								
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751								

DUTCH/DGIS	INS 87 12	ONGOING				APR84	APR88	435.0
GTA-IKK Organization Management and Training - West Java.								
To improve organization management and training in selected IKK's, in order to maintain a proper execution of existing and new drinking water systems.								
- PROJECT NO: ID/86/084								
CONSULTANT:								
IWACO								
WHOM TO CONTACT:								
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751								

COUNTRY = INDONESIA (INS)

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		PROJECTS:		TITLE & DESCRIPTION			
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONTS	
AGENCY/GOVT.	ID. NO:	STATUS	DATE	DATE	DATE	DATE	₹ 1000 US\$

=====

DUTCH/DGIS INS 87 13 ONGOING SEP87 SEP90 436.5

GTA-BINA Programme Water Supply - Jakarta, West Java.
Appointment of an expert within the Directorate of Planning
and Programming of Cipta Karya, to assist the Director and
to strengthen prudence planning.

- PROJECT NO: ID/86/021

CONSULTANT:

NEI

WHOM TO CONTACT:

H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 3 ONGOING 86 400.0

Improvement of Quality and Reliability of Water Supply in
East Java Province.

Construction of new work supply systems for 75 towns, including
development of water sources, installation of transmissions &
distribution systems & treatment plants. Project includes training
for managerial, technical & administrative staff.

NUMBER OF PEOPLE SERVED:

1300000

CO-FUNDING/COOPERATING AGENCY:

AUSTRALIA: US\$ 1,5 mio; WB/IBRD: US\$ 43,3 mio.

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 79400.0

WHOM TO CONTACT:

H.J.P. van Schaik, DGIS, The Hague, Tel: 485751

DUTCH/DGIS INS 86 13 ONGOING NOV86 2872.1

IOP/Indonesië/ITC-2.

Expansion and strengthening of a training centre for environmental
management in the field of water resources management and ecology.

- PROJECT NO: ID/86/953

WHOM TO CONTACT:

H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 14 ONGOING NOV86 NOV91 2939.0

International Professional Training for Water Resources
Development - Bandung, West Java.

To establish and monitor technical management education of
the Indonesian Ministry of Public Works aimed at the design
and maintenance of land and water sector.

- PROJECT NO: ID/86/078

GOVERNMENT CONTRIBUTION:

1,585,000,000 Rp

US \$ EQUIVALENT (x1000): 0.0

WHOM TO CONTACT:

H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT.	ID. NO:	STATUS		DATE	DATE	DATE	DATE	x 1000 US\$

=====

DUTCH/DGIS INS 86 15 ONGOING OCT86 OCT88 160.0
Twinning WMZ KAB. Goes en PDAM KAB - Bandung, West Java.
To exchange practical and commercial knowledge and experien-
ce in the area of drinking water systems.
- PROJECT NO: ID/86/053
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 17 ONGOING JAN86 DEC88 146.8
Twinning Drinkwaterbedrijven Palembang NV Waterleiding
Fries - Palembang, Sumatra South.
Subsidy of twinning between Indonesian and Dutch drinking
water firms.
- PROJECT NO: ID/86/003
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 18 ONGOING APR86 DEC89 1000.0
GTA Small Towns Water Supply in West Java.
Follow-up 15 cities West Java and 11 cities North Sumatra/
Aceh projects according to the "basic needs approach":
a) Data collection & field research (wells selection, socio-
economic research); b) Preparation design, tender documents
and tender for stock piling of water supply materials;
c) Institutional development and drafting of a tariff system
with subsidy arrangements.
- PROJECT NO: ID/00/401
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 19 ONGOING OCT86 DEC89 430.0
GTA - Groundwater Surveys - West Java.
To draw up an inventory of and to analyse the available
"water" data in order to obtain information about available
groundwater resources and future "water" use. The first
phase includes the drawing of a hydrogeological map. Besides
this, a computerised data base will be set up and transfer
of knowledge will be brought about by means of training the
DWS staff.
- PROJECT NO: ID/00/360
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 23 ONGOING APR86 JUN89 1320.0
GTA-68 Testing/Certification (KIWA) - Bandung, West Java.
Testing and certification of water supply materials.
- PROJECT NO: ID/00/257
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

COUNTRY = INDONESIA (INS)

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		PROJECTS:		TITLE & DESCRIPTION					
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONTS			
AGENCY/GOVT.	ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$		

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DUTCH/DGIS INS 85 27 ONGOING NOV85 DEC88 252.6
GTA - Monitoring Water Supply Projects - Nationwide.
Monitoring of water supply projects in progress.
- PROJECT NO: ID/00/044
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 85 28 ONGOING JAN85 DEC88 4002.0
GTA J Rural Water Supply - West Java.
Additional procurements and final preparation of Phase II
for rural water supply.
- PROJECT NO: ID/00/042
CONSULTANT:
IWACO
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 85 29 ONGOING JAN85 JUN91 6108.6
GTA - J - 52 Sukabumi Immediate Improvement - Sukabumi,
West Java.
Consultancy on organization, training for water supply
Sukabumi as well as immediate improvement programmes.
- PROJECT NO: ID/00/329
GOVERNMENT CONTRIBUTION:
961 million Rp
US \$ EQUIVALENT (x1000): 0.0
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 85 31 ONGOING 85 7508.1
GTA-J49 Bandung Water Supply Project - Bandung, West Java.
Rehabilitation Bandung water supply project, design and
supervision and a feasibility study for Bandung water supply
including economical aspects and groundwater survey. Super-
vision of the works.
- PROJECT NO: ID/00/261
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 85 32 ONGOING APR85 APR90 1733.0
GTA-67 Bogor Review Study - Bogor, West Java.
Study of water resources and analysis of the water use as
well as a study of the tariffs for drinking water in Bogor.
Implementation of the feasibility study.
- PROJECT NO: ID/00/259
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

COUNTRY = INDONESIA (INS)

PROJECTS: TITLE & DESCRIPTION		REQST	AGREE	START	COMPL	EXT-COMPONTS
EXT.SUPPORT	C.E.S.I.	DATE	DATE	DATE	DATE	x 1000 US\$
AGENCY/GOVT. ID. NO:	STATUS					
DUTCH/DGIS	INS 81 7 ONGOING			JAN81	88	4571.1
	Human Resources Development Programme (I, II, III) - Nationwide. The Ministry of Public Works is currently pursuing, through its Directorate of Water Supply of the Directorate General Cipta Karya, an extensive programme for the physical development of water supply systems throughout Indonesia, and the promotion and development of water enterprises with their own legal and managerial identity. - PROJECT NO: ID/00/032 WHOM TO CONTACT: H.P.J. van Schaik, DGIS, The Hague, Tel. 485751					
DUTCH/DGIS	INS 80 13 ONGOING			JAN80	DEC88	7069.1
	GTA J-55 Small Communities Water Supply - West Java. Design and construction of drinking water systems for villages in the Kabupaten Cirebon. - PROJECT NO: ID/00/043 CONSULTANT: IWACO WHOM TO CONTACT: H.P.J. van Schaik, DGIS, The Hague, Tel. 485751					
DUTCH/DGIS	INS 80 14 ONGOING			FEB80	APR89	4101.9
	GTA-J Botabek Sewerage and Drainage - Tangerang, West Java. Improvement of existing sewerage systems as well as drainage systems within the community borders of Bogor, Tangerang and Bekasi by conducting overall plans, which in their turn are worked out into detailed designs. Construction of new drainage and sewerage systems. - PROJECT NO: ID/00/030 WHOM TO CONTACT: H.P.J. van Schaik, DGIS, The Hague, Tel. 485751					
DUTCH/DGIS	INS 77 5 ONGOING			JAN77	DEC88	13454.5
	GTA-J-28 Balikpapan Water Supply - Balikpapan Kalimantan. Review master plan, detailed design, tender documents and supervision for a new water supply system for the city of Balikpapan. - PROJECT NO: ID/00/036 NUMBER OF PEOPLE SERVED: 250000 WHOM TO CONTACT: H.P.J. van Schaik, DGIS, The Hague, Tel. 485751					

COUNTRY = INDONESIA (INS)

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PROJECTS:		TITLE & DESCRIPTION						
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONTS		
AGENCY/GOVT. ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$		

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GERMANY/GTZ INS 80 15 ONGOING 79 80 DEC80 88.0

Promotion of Decade Activities; (Subproject of 'GL/78/001).
4 National Decade Workshops: Bali, 1981 on Formulation of
Policies, Strategies and Targets for the Decade; Bali, 1982
on Development of Decade Plan/Programme; Cipanas, 1985 on
Review of Decade Performance/Progress; & Donor Consultation,
Cipanas, 1987 on Sector Issues, Formulation of Approach/
Strategies for REPELITA V.

Major Studies: Workshop Reports I, II, III, IV. Guidelines
for Provincial WSS Plan/Programme.

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOH (Ministry of Health), MOW (Ministry of Public
Works), MOHA (Ministry of Home Affairs)

INTERNATIONAL/EXTERNAL EXECUTING AGENCY:

WHO/SEARO No: ICP CWS 002

WHOM TO CONTACT:

Mr E. Pancaroglu, c/o WHO Jakarta.

GERMANY/KFW INS 88 3 ONGOING FEB88 13.9

Water Supply Bengkulu (Study)

Study on water supply situation (implementation of emergency
programme); technical capacity of plant and equipment; and
complementary measures.

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

DWS (Directorate of Water Supply, Cipta Karya)

WHOM TO CONTACT:

Meyer-Gohde (UAL), KfW, Tel: 69/7431-1

GERMANY/KFW INS 87 1 ONGOING FEB85 FEB87 5929.6

Water Supply - 8 Small Towns West-Sumatra.

Construction of public central water supply systems in Sim-
pang Empat, Rao, Sicincin, Bonjol, Muara Panas, Maninjan,
Sijunjung, Kota Baru, Pulau Pujung and Suliki-Limbanang. Ex-
pansion and rehabilitation of water supply systems of towns
of Bukittinggi and Padang Pajang. Project includes supply of
pipes, water meters, pumps, water treatment plant, public
toilets, solid waste collection, hygiene education & training.

- PROJECT NO: 8565137

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOPW (Ministry of Public Works)

WHOM TO CONTACT:

Meyer-Gohde (UAL), KfW, Tel: 69/7431-1

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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GERMANY/KFW INS 84 2 ONGOING SEP81 JAN84 8568.0

Water Supply - Tegal (Investment)
(see also KfW No 8170441; CESI No INS/84/003).
Expansion of public water supply system of Tegal and surrounding smaller towns of Slawi, Jatibarang and Brebes as well as nearby villages, including Kaligiri spring development, water transmission lines, public standposts and house-connections. Project also includes human resources development of O & M personnel through assistance of external experts.

- PROJECT NO: 8165821

NUMBER OF PEOPLE SERVED:

175000

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
DGHPUD (Directorate General of Housing, Building, Planning and Urban Development, Cipta Karya)

WHOM TO CONTACT:

Meyer-Gohde (UAL), KfW, Tel: 69/7431-1

GERMANY/KFW INS 84 3 ONGOING SEP81 JAN84 357.0

Water Supply - Tegal (Complementary Measures to KfW No 8165821; CESI No INS/84/002).
Complementary measures through human resources development and management for expansion of public water supply system of Tegal and surrounding smaller towns of Slawi, Jatibarang and Brebes and of nearby villages.

- PROJECT NO: 8170441

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
DGHPUD (Direct.Gen.of Housing, Building, Planning & Urban Devel. Cipta Karya), DSE (Direct. of Sanitary Engineering)

WHOM TO CONTACT:

Meyer-Gohde (UAL), KfW, Tel: 69/7431-1

GERMANY/KFW INS 84 4 ONGOING MAY83 JUN84 4998.0

Water Supply - Padang (Immediate Measures).
Expansion of public water supply system for the town of Padang including deep well construction, supply of equipment, rehabilitation and expansion of existing water treatment plant for river water and consulting services.

- PROJECT NO: 8365207

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DGHS (Ministry of Public Works/Directorate General of Human Settlements, Cipta Karya)

WHOM TO CONTACT:

Meyer-Gohde (UAL), KfW, Tel: 69/7431-1

COUNTRY = INDONESIA (INS)

EXT.SUPPORT AGENCY/GOVT. ID. NO:	C.E.S.I. STATUS	PROJECTS: TITLE & DESCRIPTION	REQST DATE	AGREE DATE	START DATE	COMPL DATE	EXT-COMPONENTS x 1000 US\$
GERMANY/KFW	INS 80 6	ONGOING			MAY77	JUN80	3277.0
Water Supply - Kudus, Central Java. First expansion stage of public water supply system of town of Kudus including supply of pipes, pumps, and water meters; Contribution to construction costs and consulting services. Project also includes community participation component. - PROJECT NO: 7765373 GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DGHS (Ministry of Public Works/Directorate General of Human Settlements, Cipta Karya) WHOM TO CONTACT: Meyer-Cohde (UAL), KFW, Tel: 69/7431-1							
JAPAN/JICA	INS 84 1	ONGOING			84 APR84	MAR89	2616.0
North Sumatra Health Promotion Project Communicable disease control, community health promotion & environmental health; hygiene & sanitation; rural water supply through establishment of laboratory workshop, hand-pump repairs; training on hand pump maintenance, community participation improvement of artesian wells. WHOM TO CONTACT: I.Tomimoto Research & Devel.Div. JICA Tokyo Tel.(03)269-3201							
JAPAN/JICA	INS 83 16	ONGOING			83 83		681.6
Ujung Pandang Water Supply Facility Improvement Plan. Produce master plan for the improvement of the water supply facilities of the Ujung Pandang city. Also conduct feasibility studies for the projects of especially high priority. A study group was set up in March 1984. GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW (Ministry of Public Works), DCHBPUD (Directorate General of Housing, Building, Planning & Urban Development) WHOM TO CONTACT: I.Tomimoto Research & Devel.Div. JICA Tokyo Tel.(03)269-3201							
JAPAN/JICA	INS 82 5	ONGOING			82 82		667.2
Survey for North Banten Water Resources Development Project Feasibility study concerning the water resources development for north Banten region in western Java. Final study report was sent to Java. GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW (Ministry of Public Works and Department of Water Resources Development), DGWRD (Directorate General of W.R.D) WHOM TO CONTACT: I.Tomimoto Research & Devel.Div. JICA Tokyo Tel.(03)269-3201							

COUNTRY = INDONESIA (INS)

PROJECTS:		TITLE & DESCRIPTION				
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONENTS
AGENCY/GOVT. ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$
JAPAN/JICA	INS 80 5	ONGOING		80	80	734.4
Regional Small City Water Supply Improvement Plan. Sulawesi. Plan to improve the water supply facilities of the 200 cities in the country in order to improve health environment of its people. Studies and reviews of reports on the plan to improve water supply facilities in the middle size and small cities in Sulawesi. Similar feasibility studies for 5 other cities.						
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW (Ministry of Public Works), DGHPUD (Directorate General of Housing, Building, Planning & Urban Development)						
WHOM TO CONTACT: I.Tomimoto Research & Devel.Div. JICA Tokyo Tel.(03)269-3201						

JAPAN/OECF	INS 88 8	ONGOING		DEC85	SEP88	87384.0
Jakarta Water Supply Development Project (1st Phase, 2nd Stage)						
In order to solve the urgent problem of the imbalance between water supply and demand, construct the filtration plant and enhance conduit pipe system. The project is aimed at improving the living conditions of the population and stimulating the economic and industrial activities of Jakarta.						
GOVERNMENT CONTRIBUTION: US \$ EQUIVALENT (x1000): 68856.0						
TOTAL PROJECT COST: US \$ EQUIVALENT (x1000): 156240.0						
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DLE (Ministry of Public Welfare/Department of Living Environment)						
WHOM TO CONTACT: Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311						

JAPAN/OECF	INS 87 17	ONGOING		JAN87	APR87	4836.9
Ujung Pandang Water Supply Development Project						
To cope with the chronic water shortage problem and the expected future increase in the water supply demand of Ujung Pandang city of south Sulawesi State, conduct a detailed study of the project to restore and reconstruct the water supply facilities. The project will contribute to the development of industry and to the public welfare of Indonesia.						
GOVERNMENT CONTRIBUTION: US \$ EQUIVALENT (x1000): 641.7						
TOTAL PROJECT COST: US \$ EQUIVALENT (x1000): 5478.6						
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DLE (Ministry of Public Welfare/Department of Living Environment)						
WHOM TO CONTACT: Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311						

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT.	ID. NO:	STATUS		DATE	DATE	DATE	DATE	x 1000 US\$

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JAPAN/OECF INS 86 28 ONGOING SEP84 JUL86 27270.0
Waterworks Construction Project - Jakarta (Immediate Project
of Second Stage)
In order to cope with the increasing demand of water supply
in Jakarta, construct new filtration plants and conduit pipe
facilities urgently.
GOVERNMENT CONTRIBUTION:
US \$ EQUIVALENT (x1000): 26070.1
TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 53340.1
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DCH (Ministry of Public Welfare/Department of City
Housing)
WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

JAPAN/OECF INS 85 34 ONGOING APR82 MAR85 22920.0
Waterworks Construction Project - Jakarta (First Part of
the Second Stage of the Medium-Term Plan - Phase IX)
In order to cope with the increasing demand of water supply
in Jakarta, construct a conduit pipe system as the second
stage of the intermediate water supply plan.
GOVERNMENT CONTRIBUTION:
US \$ EQUIVALENT (x1000): 26856.0
TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 49776.0
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DCH (Ministry of Public Welfare/Department of City
Housing)
WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

NGO/OXFAM INS 86 29 ONGOING 86 JAN86 10.3
Drinking Water Supplies in 3 Villages around Banjarnegara.
Construction of simple gravity powered piped water systems
from springs higher up the hillsides and of water storage
tanks in the three villages.
PROJECT NO: IDS 41
WHOM TO CONTACT:
Ms E. Stamp, Information Officer, OXFAM, Oxford, U.K.

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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SWISS/SDC INS 86 10 ONGOING JAN86 86 292.6

GMIM - Primary Health Care Projects 1986/87.
Implementation of a village water supply programme. This activity represents 13% of total health programme which consists mainly of health centres with total of more than 400 beds; promotion of a primary health care programme in villages, and training of nurses.
- PROJECT NO: T.311 INDON. 26
NUMBER OF PEOPLE SERVED:
2000
CO-FUNDING/COOPERATING AGENCY:
GMIM (Evang. Church North Sulawesi)
WHOM TO CONTACT:
U. Lutz, SDC, Tel: 031/ 61.34.58

SWISS/SDC INS 86 24 ONGOING JUN86 86 MAR90 4802.4

Cirebon Urban Development - Phase II.
Implementation of first stage of the master plan for the sanitation of the City of Cirebon which includes the following elements: reducing the danger of floods by channelling the surface water; collection and safe disposal of wastewater treatment, where required; collection and safe disposal of solid waste and sludge; complementary measures; monitoring and evaluation of the project.
- PROJECT NO: T.311 INDON. 37
NUMBER OF PEOPLE SERVED:
161000
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DGHS (Ministry of Public Works/Directorate General of Human Settlements, Cipta Karya)
CONSULTANT:
Alpin Consult 5401 Baden, Switzerland
WHOM TO CONTACT:
R. Gautschi

SWISS/SDC INS 85 20 ONGOING 85 85 3410.4

Water Supply - Cirebon/Djokdjak
No description.
- PROJECT NO: T.311 INDON. 14

COUNTRY = INDONESIA (INS)

PROJECTS:		TITLE & DESCRIPTION					
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONENTS	
AGENCY/GOVT. ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$	
SWISS/SDC	INS 85 23	ONGOING		OCT85	OCT85	784.0	
	Road Construction Pela-Ramut and Rural Development Activities - Flores.						
	Main activity is the construction of a rural access road.						
	Besides other activities the programme also supports the construction of water supplies. (20% of total project cost attributed to water supply sector.)						
	Major Studies: SKAT St. Gallen 1986 (K. Wehrle)						
	- PROJECT NO: T.311 INDON. 30						
	NUMBER OF PEOPLE SERVED:						
	13000						
	CO-FUNDING/COOPERATING AGENCY:						
	Diocese of Ruteng; Parish Wankung (Father E. Waser)						
	CONSULTANT:						
	Intercooperation						
	WHOM TO CONTACT:						
	U. Lutz, SDC, Tel: 031/ 61.34.58						

SWISS/SDC	INS 79 1	ONGOING		79	86	683.3	
	Health Project - Tomohon Manado						
	Project including technical cooperation for rural development of drinking water supply & sanitation.						
	- PROJECT NO: T.311 INDON. 26						
	CO-FUNDING/COOPERATING AGENCY:						
	BASLER Mission						

U.S./AID	INS 85 24	ONGOING		SEP85	OCT85	SEP88	0.0
	Child Survival Project - 48 Villages.						
	Train 750-900 VHws to promote and train mothers in ORT.						
	- PROJECT NO: 9380503						
	CONSULTANT:						
	CARE						

U.S./AID	INS 85 25	ONGOING		SEP85	OCT85	AUG88	0.0
	CS Activities in Integrated PHC Programs - Kendari, Sulawesi.						
	Train health workers, birth attendants in Kendari, S.E. Sulawesi.						
	- PROJECT NO: 9380510						
	CONSULTANT:						
	PCI						

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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UNDP INS 88 11 ONGOING MAY85 JAN88 JAN88 SEP90 440.0

Rural Water Supply and Sanitation; East Timor Province.
Build up capability of local govt. institutions to develop & implement RWSS schemes through training at all levels, construction and support programmes in health education & participation. Construction of 100 tubewells with handpumps, 6 spring captures and 100 latrines.
Major Study: Guidelines for Community Education and Participation in RWSS; Guidelines for Implementation of Appropriate Types of Latrine.

- PROJECT NO: INS/86/025

GOVERNMENT CONTRIBUTION:

In kind.

US \$ EQUIVALENT (x1000): 184.0

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 624.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOH/DGCCDCEH (Ministry of Health/Directorate General of Communicable Diseases Control and Environmental Health)

INTERNATIONAL/EXTERNAL EXECUTING AGENCY:

WB/SEARO No: INO CWS 009

CONSULTANT:

(All Nationals) Project Manager & Assistant; Hydrogeologist; Driller; Sanitation Specialist; HE/CP Specialist and NGOs.

WHOM TO CONTACT:

WHO F.O.Kanwil Tim Tim, Jl Kai Koli, P.O.Box 117, Dili Timor Timur

UNDP INS 86 25 ONGOING JUL85 AUG86 NOV86 DEC90 2100.0

Institutional Strengthening & Development of Rural Water Supply & Sanitation, Bengkulu & Lampung Provinces.
Build up capability of local Govt. institutions to develop & implement RWSS, using inovative methods of "bottom-up & top down" planning, based on CPA & self-reliance. This "module" is to be replicable in other provinces. Health ed. prog's. Establishment of "task force", Kabupaten for mass implement. Major Studies: Provincial & Kabupaten Master & Implement. Plans; Hydrogeolog. Reports/Maps; Specialized Studies on Institutional Aspect; Model for Water Quality Surveillance...

- PROJECT NO: INS/85/031

GOVERNMENT CONTRIBUTION:

Kind only.

US \$ EQUIVALENT (x1000): 1100.5

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 3200.5

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOH/DGCCDCEH (Ministry of Health/Directorate General of Communicable Diseases Control and Environmental Health)

INTERNATIONAL/EXTERNAL EXECUTING AGENCY:

WHO/SEARO No: INO CWS 007

CONSULTANT:

Hydrogeologist/Driller, Water Quality Specialist, O&M Spec., Waste Water Specialist, Health Education Specialist.

WHOM TO CONTACT:

ResRep, P.O.Box 2338, Jakarta 10001, Indonesia/WHO, Jakarta.

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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UNDP INS 86 26 ONGOING NOV86 DEC86 DEC88 249.0

Training in Pre-Investment Planning for Community Water Supplies and Sanitation.

To achieve national self-sufficiency in pre-investment planning studies, project preparation and project appraisal in the field of WSS on a level capable of meeting the national and international funding standards. Training staff from 19 national consultancy firms, universities & govt agencies. Major Studies: Master Plan & Feasibility Study for WSS in 4 towns: ARGA Nakur, Bengkulu; Sungai Penuh, Jambi; Tanjung Piang, Riau; Lubuk Pakam, Medan. Training Manual...

- PROJECT NO: INS/85/033

GOVERNMENT CONTRIBUTION:
Kind only.
US \$ EQUIVALENT (x1000): 325.0
TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 574.0
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DGHS (Ministry of Public Works/Directorate General of Human Settlements, Cipta Karya)
INTERNATIONAL/EXTERNAL EXECUTING AGENCY:
WHO/SEARO No: INO CWS 008
CONSULTANT:
CTA, 3 Int. STC on Sanitation and various national consultants.
WHOM TO CONTACT:
ResRep, P.O.Box 2338, Jakarta 10001, Indonesia/WHO Jakarta.

UNDP INS 85 33 ONGOING APR85 APR85 MAR88 525.2

Urban Sanitation Investment Support

Strengthen capacity to plan, manage & implement sanitation invest. programs for low-income pop. Transfer of sanitation approaches to Kampung Improvement Programs & Low-Cost Housing Projects. Develop national sanitation guidelines. Improve capacity of local level in Urban V proj. towns; etc. Major Studies: On-Site Sanitation in Indonesia. The Perform- of Small Septic Tanks in combination with Public Toilet Facilities.

- PROJECT NO: INS/84/005

GOVERNMENT CONTRIBUTION:
Kind only.
US \$ EQUIVALENT (x1000): 70.0
CO-FUNDING/COOPERATING AGENCY:
WB/IBRD: \$750,000 - ASIAN DB: \$258,000
TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 1603.2
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW (Ministry of Public Works)
INTERNATIONAL/EXTERNAL EXECUTING AGENCY:
WB/IBRD No:
WHOM TO CONTACT:
WB/IBRD: B. Gross, INUWS, Washington, DC

COUNTRY = INDONESIA (INS)

		PROJECTS: TITLE & DESCRIPTION						
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONTS		
AGENCY/GOVT. ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$		
UNICEF	INS 87 14	ONGOING			87	91	3468.0	
	Water and Environmental Sanitation in Selected Areas. No description. - PROJECT NO: IDS/88/301 NUMBER OF PEOPLE SERVED: 454 rural area = 90%; urban area = 10% CO-FUNDING/COOPERATING AGENCY: Japan - New Zealand							
UNICEF	INS 87 15	ONGOING			87	91	15.0	
	Water Support for The National Programme in WES. No description. - PROJECT NO: IDS/88/302							
UNICEF	INS 87 16	ONGOING			87	91	75.9	
	WES in Selected Areas. No description. - PROJECT NO: IDS/88/301 NUMBER OF PEOPLE SERVED: 12000 rural area = 90%; urban area = 10% CO-FUNDING/COOPERATING AGENCY: Japan - New Zealand							
WB/IBRD	INS 86 27	ONGOING	NOV85	APR86		91	43300.0	
	East Java Water Supply II. Provision of low-cost water production & distribution to about 75 small & medium-sized towns & expansion & rehabili- tation of the water supply system in Surabaya. Technical & institution building assistance. - PROJECT NO: 4INSPA166 NUMBER OF PEOPLE SERVED: 1200000 GOVERNMENT CONTRIBUTION: US \$ EQUIVALENT (x1000): 29900.0 CO-FUNDING/COOPERATING AGENCY: AUSTRALIA: US\$ 1,5 mio; DUTCH/DGIS: US\$ 1 mio. TOTAL PROJECT COST: US \$ EQUIVALENT (x1000): 80400.0 GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: DWS (Directorate of Water Supply Cipta Karya) WHOM TO CONTACT: L. Jeurling, WBHQ B-8019 tel: 76558							

COUNTRY = INDONESIA (INS)

PROJECTS: TITLE & DESCRIPTION		REQST	AGREE	START	COMPL	EXT-COMPONTS
EXT.SUPPORT	C.E.S.I.	DATE	DATE	DATE	DATE	x 1000 US\$
AGENCY/GOVT. ID. NO:	STATUS					
WB/IBRD	INS 83 17 ONGOING	MAY83	SEP83	88	30600.0	
	<p>East Java Water Supply. Through provision of piped water supply systems, the management and financial systems for 8 beneficiary water enterprises will be developed. Training for water supply staff, and consulting services will be provided. The basic water supply needs of people in East Java, half of whom are in the relative poverty group, will be met.</p> <p>- PROJECT NO: 4INSPA127 NUMBER OF PEOPLE SERVED: 720000 WHOM TO CONTACT: L. Jeurling, WBHQ B.8019 tel: 76558</p>					
WB/IBRD	INS 83 18 ONGOING	FEB83	JUN83	88	22400.0	
	<p>Jakarta Sewerage I. The project is the first step in developing a sewerage system in Jakarta and complements the public-health measures carried out under previous Bank-assisted urban development projects. It includes a basic waterborne sewerage system, drainage improvements, sanitation improvements (leaching pits, public toilets, public water taps, and desludging facilities), consulting services, and training.</p> <p>- PROJECT NO: 4INSPA126 WHOM TO CONTACT: L. Jeurling, WBHQ B-8019 tel: 76558</p>					
WHO/SEARO	INS 88 10 ONGOING	JAN88		89	510.0	
	<p>Strengthening of Environmental Health. The project serves as an umbrella under which all WHO environmental assistance to Indonesia is coordinated. Two long-term sanitary engineers are provided to collaborate directly with the Ministry of Health and the Ministry of Public Works. Also provision for short-term consultants, fellowships and subsidies for group educational activities. (Project started 1969 and will continue beyond 1991).</p> <p>- PROJECT NO: INO CWS 001 GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOH (Ministry of Health), MOPW (Ministry of Public Works) CONSULTANT: S.P. Mathur (Manpower Development). WHOM TO CONTACT: WHO Sanitary Engineer, Jakarta.</p>					

COUNTRY = INDONESIA (INS)

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		PROJECTS:		TITLE & DESCRIPTION				
EXT.SUPPORT	C.E.S.I.	REQST	AGREE	START	COMPL	EXT-COMPONTS		
AGENCY/GOVT. ID. NO:	STATUS	DATE	DATE	DATE	DATE	x 1000 US\$		

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ASIAN DB INS 82 8 COMPLETED DEC82 250.0

IKK and Small Towns Water Supply Project.
Preparation of project to provide water supply facilities in a large number of small town and the population centers of subdistricts.

- PROJECT NO: 501-INO

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW (Ministry of Public Works), DGHBPUD (Directorate General of Housing, Building, Planning & Urban Development)

WHOM TO CONTACT:
J. Gomez, Manager, Water Supply Division, ADB, Manila

ASIAN DB INS 81 5 COMPLETED NOV81 81 86 35500.0

Semarang Water Supply Project.
45 deepwells (700 l/s), 900 to 100 mm collecting mains (38km); 600 to 500 mm transmission mains (20 km); two service reservoirs (12,500 cu m/day); 800 to 200 mm trunk mains (42 km); 300 to 75 mm distribution pipelines (250 km); rehabilitation of distribution pipelines (100 km); 20,000 service connections; 750 standpipes; 500 fire hydrants; operation, maintenance and leakage detection equipment; and consultant services.

- PROJECT NO: 547-INO

NUMBER OF PEOPLE SERVED:
820000

TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 65500.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
SWE (Semarang Water Enterprise)

WHOM TO CONTACT:
J. Gomez, Manager, Water Supply Division, ADB, Manila

ASIAN DB INS 80 10 COMPLETED DEC80 80 85 32000.0

Small Towns Water Supply Sector Project.
Thirty-three subprojects for 33 small towns (spring sources, 10 towns; groundwater sources, 8 towns; and surface water sources, 15 towns); collection works (10); borehole well-fields with central pump and pumping station (8); river intake works including pumpsets and generators; treatment plants and pumping stations; transmission mains; storage tanks; primary distribution mains; service connections (47,000); public standpipes (1,500).

- PROJECT NO: 493-INO

NUMBER OF PEOPLE SERVED:
1200000

TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 53500.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
DGHBPUD (Directorate General of Housing, Building, Planning and Urban Development)

WHOM TO CONTACT:
J. Gomez, Manager, Water Supply Division, ADB, Manila

COUNTRY = INDONESIA (INS)

EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONENTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

ASIAN DB INS 80 11 COMPLETED MAR80 100.0

Water Supply Sector.
 Provision of consultant services to prepare a Water Supply Sector Project covering 30 small towns located in Central Java & South Sumatra, including upgrading and updating of a representative sample of feasibility report prepared earlier, & recommendations for appropriate measures to strengthen local capability for detailed preparation of subprojects & for their expeditious implementation as well as for satisfactory operation & management of water supply systems.

- PROJECT NO: 346-INO

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

DSE (Directorate of Sanitary Engineering)

WHOM TO CONTACT:

J. Gomez, Manager, Water Supply Division, ADB, Manila

ASIAN DB INS 79 2 COMPLETED MAY79 79 86 8000.0

Bandung Water Supply Project (Supplementary).
 24 construction wells (1,650 l/s) and 12 test wells; 150 to 1,000 mm dia transmission and distribution mains (370 km); three treatment works (27,200, 24,200 and 14,800 cu m/day); three reservoirs (11,000, 5,500 and 3,000 cu m/day); 20 public bath houses; 200 standpipes; and 13,000 meters pipes.

- PROJECT NO: 401-INO

NUMBER OF PEOPLE SERVED:

1420000

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 43700.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

BWE (Bandung Water Enterprise)

WHOM TO CONTACT:

J. Gomez, Manager, Water Supply Division, ADB, Manila

ASIAN DB INS 78 3 COMPLETED OCT78 210.0

Semarang Groundwater Investigation and Development.
 Preparation of feasibility study for using groundwater to expand the water supply in Semarang, to review the existing distribution system in the city and identify priority areas for its phased development.

- PROJECT NO: 254-INO

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

DSE (Directorate of Sanitary Engineering)

WHOM TO CONTACT:

J. Gomez, Manager, Water Supply Division, ADB, Manila

COUNTRY = INDONESIA (INS)

PROJECTS: TITLE & DESCRIPTION		REQST	AGREE	START	COMPL	EXT-COMPONTS	
EXT.SUPPORT	C.E.S.I.	AGENCY/GOVT. ID. NO:	STATUS	DATE	DATE	DATE	x 1000 US\$
ASIAN DB	INS 73 1	COMPLETED		JUL73			50.0
Irian Jaya Water Supply. Preparation of a long-term program to improve and extend the water supply systems in Jayapura, Biak and Sorong, including a technical and financial feasibility study for the first phase of the program. The sewerage and drainage systems will also be investigated. - PROJECT NO: 93-INO GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: DSE (Directorate of Sanitary Engineering) WHOM TO CONTACT: J. Gomez, Manager, Water Supply Division, ADB, Manila							
ASIAN DB	INS 72 3	COMPLETED		JUN72			295.0
Bandung Water Supply. Preparation of a feasibility study for the first phase of the development program as well as a priority rehabilitation program. The rehabilitation needs of the existing sewerage and drainage systems will also be studied. - PROJECT NO: 66-INO GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: DSE (Directorate of Sanitary Engineering) WHOM TO CONTACT: J. Gomez, Manager, Water Supply Division, ADB, Manila							
ASIAN DF	INS 74 3	COMPLETED		NOV74		80	11500.0
Bandung Water Supply Project. 22 construction wells; two test wells; transmission & distribution mains (455 km); 3 treatment works; 3 reservoirs; 2 pumping stations; 20 public bath houses; 200 standpipes; 13,000 water meters; groundwater investigation; and consultant services. - PROJECT NO: 195-INO/SF NUMBER OF PEOPLE SERVED: 1450000 TOTAL PROJECT COST: US \$ EQUIVALENT (x1000): 18100.0 GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: BWE (Bandung Water Enterprise) WHOM TO CONTACT: J. Gomez, Manager, Water Supply Division, ADB, Manila							
AUSTRALIA	INS 81 1	COMPLETED				81	2146.3
Kota Bumi Water Supply Design, supply of materials & supervision of the construction of a reticulated water supply system for city of Kota Bumi in Lampung Province, Southern Sumatra. GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DHC (Ministry of Public Welfare/Department of Housing and Construction) CONSULTANT: Laurie, Montgomerie & Pettit Pty Ltd							

COUNTRY = INDONESIA (INS)

PROJECTS: TITLE & DESCRIPTION		REQST	AGREE	START	COMPL	EXT-COMPONTS
EXT.SUPPORT	C.E.S.I.	DATE	DATE	DATE	DATE	x 1000 US\$
AGENCY/GOVT. ID. NO:	STATUS					
AUSTRALIA	INS 80 3 COMPLETED			80		2376.5
	Way Linti Water Supply - Tanjung Karang in Lampung Province, Southern Sumatra Supply of materials & technical advisory assistance to develop an additional source for the water supply system for essential domestic & other urban requirements. GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY: MOPW/DHC (Ministry of Public Welfare/Department of Housing and Construction)					
BELGIUM	INS 83 21 COMPLETED			JAN83	DEC83	0.6
	Water Supply - Islands of Lombok and Sumbawa - Mission. No description. - PROJECT NO: 11580/01					
CANADA/CIDA	INS 83 20 COMPLETED			83	86	399.5
	NTT Water Design (Nusa, Tenggara Timur Province). Provision of 1 hydrogeologist, 1 agronomist, 1 geotechnical expert and 1 driller to give expert advice. Drilling and provision of equipment. Training for 10 staff of Public Works Department in water resource engineering. - PROJECT NO: 10644					
CANADA/CIDA	INS 81 6 COMPLETED			81	87	13726.4
	Lombok High-Level Diversion. Design and construction of 26 km main canal and 2 feeder canals, plus rehabilitation of secondary canals. Provision of equipment. On-the-job training in construction of civil works. Part of US\$ 47 million project funded jointly by CIDA and Indonesia. - PROJECT NO: 10096 NUMBER OF PEOPLE SERVED: 1500000 GOVERNMENT CONTRIBUTION: US \$ EQUIVALENT (x1000): 23823.8 TOTAL PROJECT COST: US \$ EQUIVALENT (x1000): 39151.0					
CANADA/CIDA	INS 80 12 COMPLETED			80	87	8970.6
	Lower Solo River Development. Technical feasibility study of Solo River Basin for irrigation, flood control and groundwater source identification. Surveying, hydrological data collection and provision of equipment. On-the-job training in data collection, analyses and design of water resources systems. - PROJECT NO: 10655					

COUNTRY = INDONESIA (INS)

PROJECTS:		TITLE & DESCRIPTION			REQST	AGREE	START	COMPL	EXT-COMPONTS
EXT.SUPPORT	C.E.S.I.				DATE	DATE	DATE	DATE	x 1000 US\$
AGENCY/GOVT.	ID. NO:	STATUS							
CANADA/CIDA	INS 78 4	COMPLETED			78		83		1803.2
Central Java Water Design. Setting up of a hydrological and climatological data base for the region. Provision of geotechnical studies and 4 long-term experts. Also provision of survey, data collection and geotechnical equipment. The principal purpose of this project was to strengthen local irrigation unit. - PROJECT NO: 00515									
CANADA/CIDA	INS 78 5	COMPLETED			78		83		980.5
Bengkulu Water Design. Setting up of a hydrological and climatological data base for the region. Provision of geotechnical studies and 4 long-term experts. Also provision of survey, data collection and geotechnical equipment. The principal purpose of this project was to strengthen local irrigation unit. - PROJECT NO: 00514									
CANADA/CIDA	INS 78 6	COMPLETED			78		83		3902.4
Sumbawa Water Design. Assessment of water and land resources. Construction of 10 hydrometric stations and 50 water wells. Surveying and data collection, plus the provision of equipment. Training of 10 counterpart professionals. - PROJECT NO: 00516									
CANADA/CIDA	INS 71 2	COMPLETED			71		75		1271.1
Lombok Island Water Resources. Preparation of feasibility and pre-design documents for a water diversion in South Central Lombok. Surveying, hydrological data collection and drilling, plus the provision of equipment and supplies. Project led to the construction of next phase, see INS/81/6 - PROJECT NO: 00114									
DUTCH/DGIS	INS 87 3	COMPLETED			JAN87		APR88		742.5
B-144 Citarum Bekasi Hydrological Crash Programme - West Java. To measure the water flow of the rivers Citarum, Cikao, Cibeet, Cikarang en Bekasi. To analyse the collected data wanted for the water distribution in the involved areas. See also project ID/00/327. - PROJECT NO: ID/00/031 WHOM TO CONTACT: H.P.J. van Schaik, DGIS, The Hague, Tel. 485751									

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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DUTCH/DGIS INS 86 16 COMPLETED JUN86 AUG88 2300.0
GTA Small Towns Sanitation Improvement Programme - West Java Aceh.
Improvement of sanitation in small towns for installed or yet to be installed drinking water supply. See also project ID/00/401.
- PROJECT NO: ID/86/006
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 20 COMPLETED JAN86 DEC87 1520.0
GTA - IKK Sanitation - West Java.
Improvement of sanitation in IKK's, related to the IKK drinking water program of repelita IV (1800 IKK's). For 15 IKK's a master plan, detailed design, instructions and tender documents will be realised. In 5 selected IKK's "try-out" projects will be executed. For solid waste disposal a classification system will be developed. Also data will be collected as a basis for a seminar on solid waste disposal in Indonesia.
- PROJECT NO: ID/00/355
CONSULTANT:
DHV & IWACO
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 21 COMPLETED JAN86 JUN88 173.2
J Classroom Training Water Supply - West Java, Sumatra, Jakarta, Bandung, Medan.
Preparation and execution of training courses by Indonesian teachers, aimed at the personnel of drinking water supply institutions and representatives of local communities which will be connected to a drinking water network.
- PROJECT NO: ID/00/344
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 86 22 COMPLETED JAN86 JUN88 3564.0
GTA-IKK Maluku Water Supply.
To construct drinking water systems for 12 capitals of subdistricts (IKK's) in the province of Maluku (see also project ID/00/041).
- PROJECT NO: ID/00/317
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT.	ID. NO:	STATUS		DATE	DATE	DATE	DATE	x 1000 US\$

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DUTCH/DGIS INS 85 30 COMPLETED OCT85 JUL88 3267.0
BTA-155 Study on Optimization of Integrated Water Resources
- Bandung, West Java.
To achieve an optimized approach for integrated water
resources development in the Cisadane-Cimanuk area to
support policy decisions of DGWRD with respect to the deve-
lopment of the areas concerned, and to increase DGWRD's
capability to solve complex water resources problems.
- PROJECT NO: ID/00/327
GOVERNMENT CONTRIBUTION:
300 million Rp
US \$ EQUIVALENT (x1000): 0.0
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 84 6 COMPLETED APR84 MAY85 148.5
UASB Upflow Anaerobic Sludge Blanket - Bandung, West Java,
Indonesia.
Research activities on low-cost sanitation.
- PROJECT NO: ID/00/123
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

DUTCH/DGIS INS 73 2 COMPLETED JAN73 JUN88 199922.6
GTA-22 J-8 Palembang Water Supply - Palembang, South Sumatra
Design and installation of a drinking water system in
Palembang, including training personnel, management and
small part drainage.
- PROJECT NO: ID/00/034
WHOM TO CONTACT:
H.P.J. van Schaik, DGIS, The Hague, Tel. 485751

GERMANY/GTZ INS 83 19 COMPLETED DEC82 JUN83 DEC88 67.9
Pilot Project for Rural Water Supply using Cisterns with
Slow Sand Filtration.
Development of low-cost method for the supply of drinking
water and water for household by simple means of operation
and employing locally available construction materials to be
tested and prepared for mass distribution; equipment and
testing of 3-4 plants with slow filtration water treatment
system.
- PROJECT NO: 82.9205.4
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
IHE (Institute of Hydraulic Engineering)
WHOM TO CONTACT:
Mrs Krause-Frieling, GTZ, Tel: 6196/79-0

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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GERMANY/GTZ INS 77 1 COMPLETED MAY77 JUN77 JAN87 948.4

Feasibility Study on Rural Water Supply in Central Java.
Feasibility studies for RWS in 14 rural regencies covering population of 1M were prepared. Recommended measures included investment needs, health education, O&M, disposal waste water and community participation in the rehabilitation of existing systems. On-the-job training of local staff in aspects of RWS development; education and motivation campaigns. Build up institutional capability for long-term planning. Major Studies: Rehabilitation Rpts; Hydrogeological Rpts;...

- PROJECT NO: 76.2215.2

NUMBER OF PEOPLE SERVED:

1000000

GOVERNMENT CONTRIBUTION:

In kind.

US \$ EQUIVALENT (x1000): 164000.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOH/DGCDCEH (Ministry of Health/Directorate General of Communicable Diseases Control and Environmental Health)

INTERNATIONAL/EXTERNAL EXECUTING AGENCY:

WHO/SEARO No: INO CWS 004

CONSULTANT:

Health Education Expert; Financial and Economic Specialist; Hydrogeologist.

WHOM TO CONTACT:

Kresse, GTZ, Tel: 6196/791279; WHO Jakarta.

GERMANY/KFW INS 82 6 COMPLETED MAY81 JUN82 APR87 4258.8

Water Supply - Kebumen.

First expansion stage of public water supply system for the town of Kebumen and surrounding villages, including supply of pipes, pumps, water meters and spare parts. Contribution to construction costs and consulting services.

- PROJECT NO: 7765456

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOPW/DGHS (Ministry of Public Works/Directorate General of Human Settlements, Cipta Karya)

WHOM TO CONTACT:

Meyer-Gode (UAL), KfW, Tel: 69/7431-1

GERMANY/KFW INS 78 2 COMPLETED MAY77 JUL78 MAR85 2591.2

Water Supply - Sragen and Banjarnegara.

Construction of public urban water supply system including well drilling, treatment plant, house connections and supply of pipes, pumps and water meters. Project also includes technical assistance by external experts.

- PROJECT NO: 7765381

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOPW/DGHS (Ministry of Public Works/Directorate General of Human Settlements, Cipta Karya)

WHOM TO CONTACT:

Meyer-Gohde (UAL), KfW, Tel: 69/7431-1

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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JAPAN/JICA INS 82 4 COMPLETED 82 82 84 675.2
Jakarta City Water Supply Facility Improvement Plan.
Feasibility study and master plan to improve the water supply facilities in Jakarta city. In 1984 a mission was sent in order to look at backgrounds to confirm contents of plan, to visit the region and to collect information. In February a mission was sent to discuss and finalize various protocols.
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW (Ministry of Public Works), DGHPUD (Directorate General of Housing, Building, Planning & Urban Development)
WHOM TO CONTACT:
I.Tomimoto Research & Devel.Div. JICA Tokyo Tel.(03)269-3201

JAPAN/OECF INS 84 9 COMPLETED JUN81 AUG84 MAR86 3387.5
Waterworks Project in Small Cities - Sulawesi
Construction of water supply facilities in order to improve the living and sanitary condition of 5 cities in Sulawesi Island(Dongara, Tentena, Luuku, Paupau, Enlekan).
GOVERNMENT CONTRIBUTION:
US \$ EQUIVALENT (x1000): 2530.0
TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 6914.5
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DCH (Ministry of Public Welfare/Department of City Housing)
WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

JAPAN/OECF INS 84 10 COMPLETED JUN81 AUG84 JUN86 18567.8
Waterworks Construction Project - Jakarta (First Part of the Second Stage of the Medium-Term Plan - Phase VIII)
In order to meet the demand of the increasing need for water supply in Jakarta, construction of a conduit pipe and expansion of the Progadon filtration plant which was constructed in the first stage of the intermediate plan.
GOVERNMENT CONTRIBUTION:
US \$ EQUIVALENT (x1000): 13209.0
TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 36978.1
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DLE (Ministry of Public Welfare/Department of Living Environment)
WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

COUNTRY = INDONESIA (INS)

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PROJECTS: TITLE & DESCRIPTION		REQST	AGREE	START	COMPL	EXT-COMPONTS
EXT.SUPPORT	C.E.S.I.	DATE	DATE	DATE	DATE	x 1000 US\$
AGENCY/GOVT. ID. NO:	STATUS					

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JAPAN/OECF INS 84 11 COMPLETED APR82 FEB84 FEB85 1120.0

Waterworks Project around Surabaya.
Provision of the waterworks facilities to Surabaya, Glesic and their surrounding areas, using the Umbulan spring, located 60 km south of Surabaya (as its source of water supply)

GOVERNMENT CONTRIBUTION:

US \$ EQUIVALENT (x1000): 383.0

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 1472.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOPW/DCH (Ministry of Public Welfare/Department of City Housing)

WHOM TO CONTACT:

Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

JAPAN/OECF INS 83 22 COMPLETED AUG80 MAY83 AUG85 10680.0

Waterworks Construction Project - Jakarta (First Part of the Second Stage of the Medium-Term Plan - Phase VII)
In order to meet the demand of the increasing water supply in Jakarta, construction of a conduit pipe.

GOVERNMENT CONTRIBUTION:

US \$ EQUIVALENT (x1000): 8027.0

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 17744.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOPW/DCH (Ministry of Public Welfare, Department of City Housing)

WHOM TO CONTACT:

Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

JAPAN/OECF INS 78 7 COMPLETED MAR77 JUN78 JUN79 668.9

Waterworks Construction Project - Jakarta (First Stage of the Medium-Term Plan - Phase VI)
Detailed project design to meet the intermediate target of the Jakarta waterwork project. The design includes expansion of the new Progadon filtration plant, improvement of part of the Pujonpongan filtration plant facilities, strengthening of the water pipe network in the city and an increase of the water supply capacity.

GOVERNMENT CONTRIBUTION:

US \$ EQUIVALENT (x1000): 197.0

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 937.3

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOPW/DCH (Ministry of Public Welfare/Department of City Housing)

WHOM TO CONTACT:

Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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JAPAN/OECF INS 77 2 COMPLETED JAN77 JAN77 JAN85 11184.0

Waterworks Construction Project - Jakarta (First Stage of the Medium-Term Plan - Phase V)

Construction of a new filtration plant in eastern Progadoon district and expansion of the western Pujonpongan filtration plant, in order to meet the 1982 demand for water supply in Jakarta. The project is aimed at increasing the water supply capacity (to 6500l/sec) and at improving the public health.

GOVERNMENT CONTRIBUTION:
US \$ EQUIVALENT (x1000): 10123.0

TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 23332.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DCH (Ministry of Public Welfare/Department of City Housing)

WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

JAPAN/OECF INS 75 1 COMPLETED JUL74 DEC75 DEC76 780.8

Waterworks Construction Project - Jakarta (First Stage of the Medium-Term Plan - Phase IV)

Following the 1970 and 71 projects, improvement of Pujonpongan filtration plant and construction of the Progadoon filtration plant and water supply facilities to increase the current water supply capacity of 5300 l/sec to 69001 l/sec.

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DCH (Ministry of Public Welfare/Department of City Housing)

WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

JAPAN/OECF INS 72 1 COMPLETED FEB72 FEB72 APR74 1920.0

Waterworks Construction Project - Jakarta (Emergency Plan Project - Phase II)

With the expansion of the Pujonbongan filtration plant, water pipes were laid in the 5 districts in Jakarta in order to increase water supply capacity in these areas.

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPEPS (Ministry of Public Electricity Power Supply)

WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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JAPAN/OECF INS 72 2 COMPLETED NOV72 NOV72 MAR75 1650.9
Waterworks Construction Project - Jakarta (Additional Project
of the Emergency Plan - Phase III)
Additional project to the 1970 phase of the "Jakarta Water-
work Expansion Plan" and its emergency projects (water
supply increased by 2000 l/sec).
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPEPS (Ministry of Public Electricity Power Supply)
WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

JAPAN/OECF INS 71 1 COMPLETED APR71 APR71 DEC72 467.2
Waterworks Construction Project - Jakarta - Phase I
In order to provide enough water supply to the ever increa-
sing population in urban Jakarta, a master plan was made for
the construction of water supply facilities by the year 2000
and the current water supply facilities in Jakarta were
enhanced/expanded relating to the first construction project
and other emergency projects.
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPEPS (Ministry of Public Electricity Power Supply)
WHOM TO CONTACT:
Makoto SAITO Techn.App. Division OECF Tokyo Tel.(03)215-1311

SWISS/SDC INS 79 3 COMPLETED 79 80 131.2
Drinking Water - Flores Island
Project including technical cooperation.
- PROJECT NO: T.311 INDON. 25
CO-FUNDING/COOPERATING AGENCY:
STEYLER Mission

SWISS/SDC INS 76 1 COMPLETED 76 DEC83 2369.4
Drinking Water - Madura Island
Project including technical cooperation.
- PROJECT NO: T.311 INDON. 76
NUMBER OF PEOPLE SERVED:
7930
INTERNATIONAL/EXTERNAL EXECUTING AGENCY:
UNICEF No:

COUNTRY = INDONESIA (INS)

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PROJECTS: TITLE & DESCRIPTION		REQST	AGREE	START	COMPL	EXT-COMPONTS
EXT.SUPPORT	C.E.S.I.	DATE	DATE	DATE	DATE	x 1000 US\$
AGENCY/GOVT. ID. NO:	STATUS					

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UNDP INS 84 7 COMPLETED 83 FEB84 FEB84 DEC87 978.0
Humanpower Development for Rural Water Supply & Sanitation.
Strengthen & develop Min's in personnel devel. and manpower
plans for RWSS; enhance & devel. capacity of existing/planned
academies, eg. PUSDINAKES, in aspects of programs; increase
staff competency in all areas with training for health per-
sonnel; strengthen coordination of personnel devel. among
various agencies; integration of Min.Health/Home Affairs.
Major Studies: Perform. of Sanitarians; Planning WSS with CPA;
Manpower Mgt. Studies; Hydrogeolog. Investig. & Well Drilling
- PROJECT NO: INS/83/004
GOVERNMENT CONTRIBUTION:
Kind only.
US \$ EQUIVALENT (x1000): 705.5
TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 1683.5
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOH (Ministry of Health), PUSDINAKES (Centre for
Health Manpower Education & Training)
INTERNATIONAL/EXTERNAL EXECUTING AGENCY:
WHO/SEARO No: INO CWS 002
CONSULTANT:
1 CTA, 1 Hydrogeologist, various national consultants.
WHOM TO CONTACT:
ResRep, P.O.Box 2338, Jakarta 10001, Indonesia/WHO, Jakarta.

UNDP INS 84 12 COMPLETED 84 84 0.0
IDWSSD Advisory Services; Indonesia Case Study.
(Subproject +AS/81/001).
A case study on human resources development for water supply
and sanitation field workers, directed at improving the
training of sanitation field workers through an evaluation
of their field performance.
- PROJECT NO: RAS/81/024
WHOM TO CONTACT:
Dr Liu Guo-Bin, WHO R.O., P.O. Box 2932, 12115 Manila.

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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UNDP INS 82 10 COMPLETED 82 FEB82 DEC84 870.0

Rural Water Supply - South Sulawesi Province.
Prepare & implement plan for RWSS, based on appropriate institutional organization & resources; health education; hydrogeological investigation; water systems design; on-the-job training programmes; report writing.
Major Studies: Groundwater investig./maps in 6 regencies; Prelim. investig. in 12 outside project areas; Engineering Reports/Guidelines on designs of piped RWS system; Implementation Plans; Electrical Resistivity Method for Drill. Manual
- PROJECT NO: INS/78/051
NUMBER OF PEOPLE SERVED:
62785
GOVERNMENT CONTRIBUTION:
Kind only.
US \$ EQUIVALENT (x1000): 761.7
TOTAL PROJECT COST:
US \$ EQUIVALENT (x1000): 1631.7
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOH/DGCDCEH(Ministry of Health/Directorate General of Communicable Diseases Control and Environmental Health)
INTERNATIONAL/EXTERNAL EXECUTING AGENCY:
WHO/SEARO No: INO CWS 006
CONSULTANT:
Hydrogeologist, Health Education Specialist, WSS Programme Planning Specialist.
WHOM TO CONTACT:
ResRep, P.O.Box 2338, Jakarta 10001, Indonesia/WHO. Jakarta.

UNDP INS 81 9 COMPLETED 78 NOV80 FEB81 JUN83 511.0

Training in Pre-Investment Planning for Community Water Supplies.
Train an integrated group of water supply engineers and specialists in finance, economics and management, from national consultancy firms and government, in practical elements of pre-investment planning. Preparation of feasibility studies for 7 towns.
Major Study: Manual on Training in Pre-Investment Planning for Community Water Supply.
- PROJECT NO: INS/78/062
NUMBER OF PEOPLE SERVED:
300000
GOVERNMENT CONTRIBUTION:
In kind.
US \$ EQUIVALENT (x1000): 710.0
GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:
MOPW/DGHS (Ministry of Public Works/Directorate General of Human Settlements, Cipta Karya)
INTERNATIONAL/EXTERNAL EXECUTING AGENCY:
WB/SEARO No: INO PIP 004
WHOM TO CONTACT:
WHO Jakarta.

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT. ID. NO:	STATUS			DATE	DATE	DATE	DATE	x 1000 US\$

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UNDP INS 80 16 COMPLETED MAR80 JUN80 SEP86 870.0

Rural Water Supply in Nusa, Tenggara & Timur
(a) Prepare WS&S Master Plans; (b) Initiate planned development of WSS facilities in 12 regencies; (c) Develop local personnel via on-the-job training & short training courses; (d) Develop health ed. & community participation strategies; (e) Assist provinces in personnel development strategies; (f) Construction of 233 deep well and 50 shallow well hand-pumps; 20 ferro-cement & 2 bamboo cement rain water tanks. Major Study: Final engineering design for 23 WS systems.

- PROJECT NO: INS/78/052

NUMBER OF PEOPLE SERVED:

60000

GOVERNMENT CONTRIBUTION:

Kind only.

US \$ EQUIVALENT (x1000): 761.7

TOTAL PROJECT COST:

US \$ EQUIVALENT (x1000): 1631.7

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOH (Ministry of Health)

INTERNATIONAL/EXTERNAL EXECUTING AGENCY:

WHO/SEARO No:

WHOM TO CONTACT:

ResRep, P.O. Box 2338, Jakarta 10001, Indonesia

UNEP INS 85 35 COMPLETED NOV84 JAN85 JUN85 DEC88 40.0

Drinking Water Quality Monitoring and Control in Rural Areas Districts of: Kab. Gunungkidul/Yogyakarta.

Initiating drinking water quality control in rural areas for which Kab. Gunungkidul was chosen as a pilot project area.

To initiate and demonstrate the planning and implementation of a surveillance programme to monitor and control quality.

To test applicability of Volume 3 of WHO Guidelines for

Drinking Water Quality to field conditions.

Major Studies: Report on Statistical Analysis of the Pilot Project; Prelim. Report and Status Report of Project.

NUMBER OF PEOPLE SERVED:

110000

GOVERNMENT CONTRIBUTION:

In kind

US \$ EQUIVALENT (x1000): 25.0

GOVERNMENT IMPLEMENTING/NATIONAL EXECUTING AGENCY:

MOH/DGCDCEH(Ministry of Health/Directorate General of Communicable Diseases Control and Environmental Health).

INTERNATIONAL/EXTERNAL EXECUTING AGENCY:

WHO/SEARO No:

WHOM TO CONTACT:

WHO Jakarta.

COUNTRY = INDONESIA (INS)

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EXT.SUPPORT	C.E.S.I.	PROJECTS:	TITLE & DESCRIPTION	REQST	AGREE	START	COMPL	EXT-COMPONTS
AGENCY/GOVT.	ID. NO:	STATUS		DATE	DATE	DATE	DATE	x 1000 US\$

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WB/IBRD INS 88 5 COMPLETED 88 MAR88 0.0

Indonesia Forest, Land and Water Sector Work.
Sector work carried out 1988. Results contained in report:
"Indonesia Forest, Land and Water: Issues in Sustainable
Development, March 30, 1988."
- PROJECT NO: 4INSPA
WHOM TO CONTACT:
L. Jeurling, WBHQ B-8019 tel: 76558

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