

**ANNEX 2-1 Progress of PDM (Project Design Matrix) Index on SMASSE INSET MALAWI**

Overall Goal	Indicator	Evaluation Instrument	Benchmark by the end of the project	Mid-term Evaluation (2005INSET)	Final Evaluation (2006INSET)	Remarks
<p><b>Overall Goal</b> [The quality of teaching of maths and science is improved in secondary schools.]</p>	<p>Quality index of teaching Mathematics and Science</p>	<p>(1) Classroom Observation Instrument by 2007 Kenya Impact Survey</p>	<p>1.7 (Teachers' performance without experience of SMASSE INSET Malawi)</p>	<p>1.9 (After 2005 December INSET)</p>	<p>2.2 (Core Trainers' performance with experience of SMASSE Kenya Training)</p>	<p>In March 2007, Kenya Impact Survey mission conducted this survey through their own evaluation instrument.</p>
<p><b>Project Purpose</b> [Quality INSETs for secondary maths and science teachers are provided by Core Trainers in SEED.]</p>	<p>Core Trainer's Evaluation Index</p>	<p>(2) Classroom Observation Instrument by SMASSE Malawi</p>	<p>1.6 (Baseline Survey in June 2005)</p>	<p>2.1 (After 2006 December INSET)</p>	<p>3.0</p>	<p>SMASSE Malawi Secretariat is evaluating teachers' performance through classroom Observation survey before and after INSETs.</p>
<p><b>Project Purpose</b> [Quality INSETs for secondary maths and science teachers are provided by Core Trainers in SEED.]</p>	<p>Core Trainer's Evaluation Index</p>	<p>(3) Core Trainers' Capacity (from Overall INSET Evaluation Instrument by Participants)]</p>	<p>3.0</p>	<p>3.0</p>	<p>3.3</p>	<p><b>Achieved</b></p>
<p><b>Project Purpose</b> [Quality INSETs for secondary maths and science teachers are provided by Core Trainers in SEED.]</p>	<p>INSET Evaluation Index</p>	<p>(4) Overall INSET Evaluation Instrument by Participants</p>	<p>2.5</p>	<p>2.8</p>	<p>3.2</p>	<p><b>Achieved</b></p>
<p><b>Project Purpose</b> [Quality INSETs for secondary maths and science teachers are provided by Core Trainers in SEED.]</p>	<p>INSET Evaluation Index</p>	<p>(5) Overall INSET Self-Evaluation Instrument by Core Trainers</p>	<p>2.5</p>	<p>3.0</p>	<p>3.1</p>	<p><b>Achieved</b></p>
<p><b>Project Purpose</b> [Quality INSETs for secondary maths and science teachers are provided by Core Trainers in SEED.]</p>	<p>INSET Evaluation Index</p>	<p>(6) INSET Session Evaluation Instrument by Participants</p>	<p>2.5</p>	<p>3.3</p>	<p>3.5</p>	<p><b>Achieved</b></p>

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Output 1 [Core Trainers for cluster-level INSET are trained.]	Number of Core Trainers	Project record	36 (It was indicated through the recommendation of Mid-term evaluation)	30	34	<b>Not Achieved yet</b> Although 50 people (49 teachers & 1 SEMA) had the training in Kenya, some retired from teaching service and are studying at University. Currently, 34 Core Trainers are available.
<b>Output 2</b> [Physical and material environment for INSET is improved.]	Number of INSET Centers	Project record	3	3	3	<b>Achieved</b>
<b>Output 3</b> [Secondary math/science teachers are trained at cluster-level INSET.]	Number of INSETs during the period of the project Number of participants in INSET	Project record	3	3	3	<b>Achieved</b>
<b>Output 4</b> [Leadership at school, divisional and Ministry level is strengthened in terms of INSET administration.]	Number of Head Masters (INSET Management Workshop in January, 2005 and May, 2006) Number of staff from Ministry of Education and Divisional Education Offices (INSET Management Workshop in June, 2006)	Project record	300	301	301	<b>Achieved</b>
		Project record	90	95	—	<b>Achieved</b>
		Project record	20	18	—	<b>Almost Achieved</b> 4 officials from Ministry of Education, 14 officials from 5 Divisional Education Office (including 5 Divisional Education Managers)

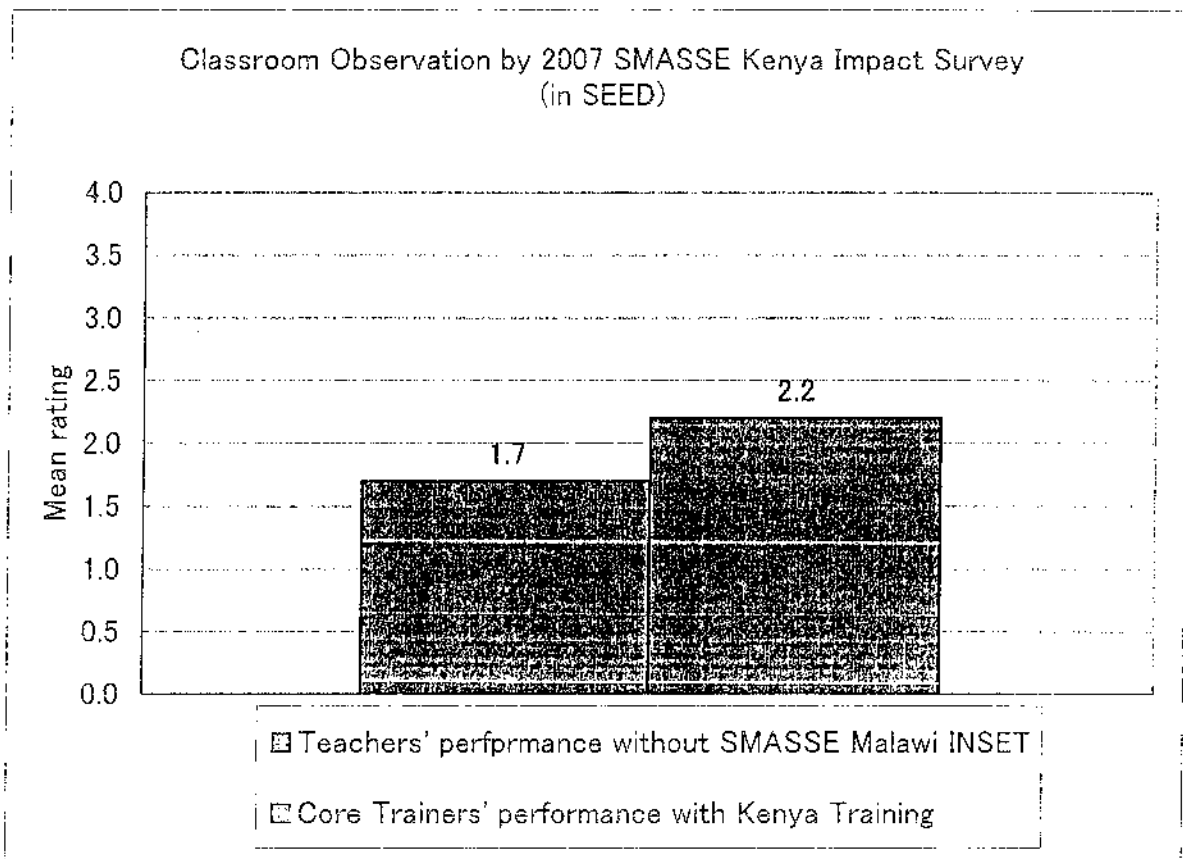
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**ANNEX 2-2(1) Quality index of teaching Mathematics and Science:**

**Classroom Observation by 2007 SMASSE Kenya Impact Survey (in SEED)**

	<b>Teachers' performance without experience of SMASSE INSET Malawi</b>	<b>Core Trainers' performance with experience of SMASSE Kenya Training</b>
<b>Mean rating</b>	1.7	2.2
<b>n:(Number of Teachers)</b>	5	8



**ANNEX 2-2(2) Quality index of teaching Mathematics and Science:**

**Classroom Observation by SMASSE Malawi (in SEED)**

	<b>Baseline (Before 2005 INSET)</b>	<b>After 2005 INSET</b>	<b>After 2006 INSET</b>
<b>Mean rating</b>	<b>1.6</b>	<b>1.9</b>	<b>2.1</b>
n:(Number of schools)	32	96	26

