

Investment Plans under the 2nd Stimulus Package of Economic Reform (2010 – 2012)

Ministry of Education

16 May 2009

Project 1: Teacher Quality Improvement

1. Objectives

- 1.1 To motivate good and intelligent students to work as teachers to improve standard and quality of teaching profession in Thailand;
- 1.2 To formulate and standardize strategies on increasing teaching manpower between organizations that needs this profession and ones that produce teaching personnel;
- 1.3 To apply information technology in administering and developing human resources under the E-HRM system so that all tasks concerned – formulating manpower framework, producing, seeking, employing, improving teachers and providing them good quality of life – will be supported;
- 1.4 To encourage all organizations concerned from both governmental and private sectors responsible for improving teacher quality to work together on an operational and development plan. Using information technology as a main tool, the teacher improvement will become concrete, clear and practical, and the result will be useful for teachers' capacity-building, professional development and skill improvement; and
- 1.5 Establish a good human resources management system that maintains only professional, dedicated and socially-recognized teachers who love their job and regularly produce high-quality academic work.

2. Goals

- 2.1 The number of teachers on highly required subjects: general sciences, mathematics and vocational studies, will be increased;
- 2.2 Higher education among teachers and other academic personnel will be promoted;
- 2.3 Quality of school directors, teachers and academic personnel will be improved;
- 2.4 Information technology for teacher management and development will be introduced;
- 2.5 The number of teachers and academic personnel will be speculated;
- 2.6 All Offices of Educational Service Areas will be strengthened;

- 2.7 Problems on teacher insufficiency will be solved;
- 2.8 Teachers and academic personnel will have good life and will be happy for their profession; and
- 2.9 Policies and strategies on education reform and teacher development will be improved.

3. Expected Outcomes

- 3.1 More good and intelligent people will be motivated to become teachers so that Thai educational quality will be improved;
- 3.2 New teachers will be employed full-time in conformity with their skills and competence;
- 3.3 Long-term teacher development will be made to comply with the need of teachers among schools and academic institutions;
- 3.4 Human resources management will be more strengthened with good governance in administration; and
- 3.5 Teachers will have better life quality and will be happy in doing their job.

4. Approximate Budget 23 million baht

Project 2: Educational Support

1. Objectives

- 1.1 To better students' learning quality, standard and achievement at all levels;
- 1.2 To develop teaching techniques of all teachers and solve problems on insufficiency of teaching personnel at all educational levels; and
- 1.3 To improve learning resources and public libraries as well as educational media so that people have more channels for knowledge access.

2. Goals

- 2.1 Students, learners, teachers and instructors at all levels will be able to produce and use educational technology wisely under specific contexts and locations;
- 2.2 Various types of courseware, digital content and e-learning lessons will be developed and improved for specific teaching and learning;

2.3 Communication channels for education, such as Internet, radio and television broadcasting, public libraries and community learning centers, will be developed for various teaching and learning models; and

2.4 Teaching and learning materials will be improved to facilitate public learning services.

3. Expected Outcomes

3.1 Students, learners, teachers and instructors at all educational levels will be able to produce and use educational technology wisely and properly for specific contexts and locations;

3.2 There will be complete set of courseware, digital content and e-learning lessons for specific teaching and learning;

3.3 Teaching and learning as well as public education will be facilitated with complete learning tools;

3.4 Effective communication channels, such as Internet, radio and television broadcasting and public libraries are provided to facilitate various types of learning and teaching; and

3.5 Local communities have their own effective and resourceful learning center

4. Approximate Budget 41 million baht

Project 3: Modernized Vocational Education

1. Objectives

1.1 To develop fundamental intellectual structures in all academic institutions under supervision of Office of Vocational Education Commission;

1.2 To improve vocational education management in all structures including the personnel and research to produce and develop human resources concerned to serve the need of industrial, agricultural and service providing companies, to support industrial development which is a national strategy and to provide professional advancement to local people following the development strategy for all Thai provinces and all kinds of job; and

1.3 To strengthen international vocational education management among academic institutions under cooperation and support policies on establishing a center of regional vocational education under the ASEAN cooperation framework

2. Goals

2.1 The fundamental intellectual structure in all academic institutions under supervision of Office of Vocational Education Commission will be improved according to 3 frameworks:

2.1.1 Modifying, seeking and developing training houses, tools, basic equipment and technological apparatus;

2.1.2 Improving information technology for access to knowledge and technology in career development; and

2.1.3 Being well-prepared for technological courses to respond to the labor need according to each category of strategic industries

2.2 Vocational education management in all structures including the personnel and research to produce and develop human resources concerned to serve the need of industrial, agricultural and service providing companies, to support industrial development which is a national strategy and to provide professional advancement to local people following the development strategy for all Thai provinces and all kinds of job will be improved according to 5 frameworks:

2.2.1 Enhancing capacities of teachers and vocational personnel with the network concerned;

2.2.2 Developing and preparing capacity-based courses in relation to professional and qualification standards;

2.2.3 Strengthening bilateral vocational education management and student internship for capacity-building among vocational students in relation to the need of labor markets;

2.2.4 Establishing learning network and providing professional training services for all communities; and

2.2.5 Developing special vocational schools and other vocational education management for all target groups; and

2.3 International vocational education management among academic institutions under cooperation and support policies on establishing a center of regional vocational education under the ASEAN cooperation framework will be strengthened, particularly international vocational education management in Thai-Myanmar area in Chiang Rai, Thai-Lao-Vietnamese area in U-donthani and Mukdaharn, in Thai-Cambodian area in Sri Saket, Trat and Sattahib and in Thai-Malaysian area in Songkhla.

3. Expected Outcomes

The quality of vocational students will be improved and accepted by labor markets and society. Communities will be strengthened in terms of professional development on tools, educational personnel, curricula, teaching materials, access to professional knowledge, management, vocational education services and standardized learning processes.

4. Approximate budget 18 million baht

Project 4: Transforming Thailand into an Education Hub of Southeast Asia

1. Objectives

- 1.1 To mobilize Thailand to be a hub of education, training, international conferences/seminars of Southeast Asia;
- 1.2 To improve quality of Thai education to meet international standards; and
- 1.3 To produce academic leaders and international consultants so that Thailand will earn more income.

2. Goals

- 2.1 More international students will come to study in Thailand;
- 2.2 14 Excellent Learning Resource Centers will be established;
- 2.3 6 Centers for International Vocational Education Development will be established;
- 2.4 112 international schools in Thailand will be upgraded; and
- 2.5 42 governmental and private universities where over 100 international students are studying will be upgraded.

3. Expected Outcome

Thailand will be improved and serve as an education hub in the ASEAN region. Also, Thai economic will be strengthened due to income from the tuition fee paid by international students.

4. Approximate budget 3, 200, 000 baht

Project 5: Investment on Education and Learning of General Sciences and

Mathematics

1. Objectives

To improve the quality, capacity and efficiency on education and learning of general sciences and mathematics among Thai students

2. Goals

2.1 A project of special classroom for general sciences studies will be initiated at 107 schools nationwide;

2.2 The number of schools under the project of improving learning achievement on general sciences and mathematics will increase every year starting from the fiscal year of 2010 as follows:

2.2.1 1,750 schools in Thailand by the fiscal year of 2010;

2.2.2 3,500 schools in Thailand by the fiscal year of 2011; and

2.2.3 5,250 schools in Thailand by the fiscal year of 2012

3. Expected Outcomes

3.1 Thai learners of the subjects concerned will develop their knowledge on general sciences and mathematics at full capacity;

3.2 Teachers of general sciences and mathematics will be more knowledgeable and be able to manage the classroom on the subjects concerned; and

3.3 Learning evaluation and assessment on the subjects concerned will conform to the goals of learning

4. Approximate budget 5, 400, 000 baht

Project 6: School Improvement

1. Objectives

1.1 To improve the quality of learners, instructors and learning institutes until it reaches the standard of assessment done by outside auditors; and

1.2 To promote and develop systems on quality assurance at all learning institutes

2. Goals

2.1 8,000 learning institutes – 7,790 governmental schools and 210 private schools – which are evaluated by outside auditors to be below standards will be provided with immediate improvement; and

2.2 2,000,000 learners and 120,000 instructors who are evaluated to be below standards will be improved immediately.

3. Expected Outcomes

3.1 8,000 learning institutes which did not pass the quality assurance assessment during the 1st 3-year phase (from 2006 to 2008) will pass the assessment in the next phase;

3.2 Learners will be improved on critical thinking, creative thinking, learning through group activities and project-based learning;

3.3 Instructors will know how to organize learner-based classrooms and multi-grade classroom learning as well as project-based learning, how to integrate classroom learning in daily life, how to develop learning networks and how to use research outcomes to develop learners; and

3.4 Quality assurance at all learning institutes will be strengthened

4. Approximate budget 1,800,000 baht

Project 7: Boosting Moral and Thainess for Sustainable Development of Thai Children

1. Objectives

1.1 To boost morals, especially in terms of self-sufficiency and protection against illicit drugs in schools;

1.2 To improve quality of learning and teaching Thai and students' communicative skills on the Thai language;

1.3 To promote and develop the study of Thai history, social sciences and democracy; and

1.4 To promote learning on classical Thai music, performance and traditional games at school.

2. Goals

2.1 To boost morals in schools, a learning center on community volunteer will be set up together with launching camps on moral boosting at 5,030 schools -- 3,520 of which are under the Office of Basic Education Commission, 1,225 are private schools and 55 are under the Local Administration Office – as well as setting up systems on protecting students from illicit drugs;

2.2 To improve quality of learning and teaching Thai, materials to help students who suffer from poor learning achievement will be tailored

2.3 To promote and develop the study of Thai history, social sciences and democracy, local people who are experts on Thai local intellect will be hired to teach students for two hours every week. Also, a camp for student exchange on Thai history, social sciences and democracy will be initiated;

2.4 To promote learning on classical Thai music and performance and traditional games, sport equipment for Thai games will be purchased for all local schools and experts on Thai games and performance will be hired to teach student for two hours weekly.

3. Expected Outcomes

3.1 Teachers and students can improve their life with morals and understanding of self-sufficiency principles, thus protecting them from illicit drugs;

3.2 Students will realize the importance of Thai , resulting in Thai literacy and proper Thai usage among Thai students and ethnic students living in Thailand;

3.3 Students will realize the value of Thainess via Thai history, social sciences, music and performance;

3.4 Students will understand democracy and democratization;

3.5 Job opportunities will be provided to local experts on Thai intellectual issues; and

3.6 Job opportunities on manufacturing traditional Thai sport equipment and music instruments will be provided to local people

4. Approximate budget 9, 800, 000 baht

Project 8: School Quality Standardization

Objectives

- 1.1 To improve the school standard until it reaches international criteria;
- 1.2 To improve student capacity so that learning achievement will be enhanced continuously; and
- 1.3 To develop educational management and administration, emphasizing on providing proper resources in accordance with learners' quality improvement, increasing number of teaching personnel and promoting learning network and mutual use of those resources.

Goals

- 2.1 185 primary schools and 250 secondary schools will enjoy international standards on learning, teaching, student innovations and foreign language study through the use of modern and complete IT resources;
- 2.2 2,500 schools nationwide will be improved in terms of learning and teaching to serve as network centers for teacher development at the district level;
- 2.3 13,915 small primary schools will be improved and will serve as high-quality learning centers;
- 2.4 415 private schools at the level of very good and good qualities will be developed for the superior standard;
- 2.5 300 schools in rural and remote areas can provide a basic accommodation for students who live too far from their school; and
- 2.6 6,605 schools under the royal initiative for rural children will have services on food and hygiene.

Expected Outcomes

- 3.1 All rural and remote-area students will have more access to high-quality education, thus bridging the gap between urban and rural life;
- 3.2 The number of students at all levels of education will be higher than the drop-out ones;
- 3.3 The school which serves as a network center for development will encourage mutual learning among other schools on how to develop school quality in the future;
- 3.4 High-quality and standardized schools will increase in number; and

3.5 Parents who live in a rural or remote areas will be free from financial burden because their children can study at a school in the same area which enjoys the same educational standard as the one in the capital city.

4. Approximate budget 12 million baht

Project 9: Promotion of University Research and National Research Universities

1. Objectives

1.1 To improve research capacities of Thai universities and promote those with high research capacities to be the world class university;

1.2 To develop Thailand as a regional education hub on research and international training; and

1.3 To produce human resources of different areas of study who respond the need of business communities and technological innovations so as to compete with other countries.

2. Goals

2.1 7-10 universities of Thailand will be the world class universities which enhance national capacity and international investment on technology; and

2.2 4 groups of universities: research universities and graduate schools, universities of specific areas, bachelor degree colleges and community colleges will be established in Thailand to produce graduates and researchers in accordance with their vision and mission.

3. Expected Outcomes

3.1 7-10 research universities in Thailand will be recognized internationally;

3.2 Thai universities can produce high quality researchers;

3.3 More international research/patents and industrial products will be created; and

3.4 Thai graduates will have quality as high as those of ASEAN countries.

4. Approximate budget 12 million baht

Project 10 : Mobilizing Educational Reform

1. Objectives

1. To campaign, provide knowledge and understanding on Thai education problems and crises as well as promote participation on educational reform among Thai people, local administrators, governmental network, private sectors, students, parents, communities and the media;
2. To launch a pilot project concerning educational reform and seek for the best practice or model in mobilizing educational reform into practical ideas; and
3. To promote knowledge and understanding on educational law so that educational administrators, teachers, academic personnel, local administrators and interested people can help push forward the educational reform.

2. Goals

2.1 Information and news about educational reform done by the Ministry of Education, local administrative offices and concerned networks will be disseminated continuously via different media, such as publications, posters, brochures, radio, television, Internet and seminars;

2.2 Pilot projects on educational reform will be initiated in terms of 8 projects as follows:

- (1) The project on enhancing teacher intellect to improve learners' quality;
- (2) The initial project on models for capacity-building on teachers, educational personnel and learners regarding use of media and ICT in lifelong learning;
- (3) The project on creating media to improve scientific thinking skills for primary students;
- (4) The project on research and development on models and mechanisms for promoting administrative decentralization to local schools;
- (5) The project on research and development for educational opportunities among Thai people;
- (6) The project on research and development for personal management;
- (7) The project on research and development for national qualification standard and framework; and
- (8) The project on development of educational resources and financial systems

2.3 Knowledge and understanding on educational law are disseminated to educational administrators, teachers, academic personnel, local administrators and interested people through:

(1) training on educational law for 3,700 lawyers and law practitioners at local levels and 2,000 governmental teachers and educational personnel;

(2) training for 400 members of 20 educational law committee networks; and

(3) knowledge on educational law in various printed materials and seminars of 2,000 concerned authorities.

2.4 Progress reports on mobilizing educational reform will be regularly submitted to the Office of the Education Council, executives of the Thai Education Ministry and the cabinet members.

3. Expected Outcomes

3.1 Thai people, including local administrators, governmental networks, private sectors, state run offices, students, parents, community members and the media countrywide will participate in the educational reform;

3.2 Teachers and educational personnel as well as school administrators can provide high quality teaching for students; and

3.3 The second round of educational reform is successful.

4. Approximate budget 123 million baht

Project 11: Enhancing Capacity of Internal Sectors of the Ministry of Education, Thailand

1. Objectives

1.1 To adjust schools and education organizations according to teaching and learning atmospheres as well as administrative systems; and

1.2 To adjust the IT system until it suits well with teaching and learning.

2. Goals

2.1 Hardware, laboratories and vehicle will be available at all time;

2.2 Buildings and infrastructure will be repaired; and

2.3 The IT system for teaching and learning will be improved.

3. Expected Outcomes

3.1 Schools and education organizations will enjoy good teaching and learning atmospheres and systematic management; and

3.2 Schools and education organizations have hardware, laboratories and vehicle that support enhancement of teaching, learning and administration.

4. Approximate Budget 9 billion baht

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