

# Malaysia-Korea ICT Business Forum:

## SMART SCHOOL

20 May 2008

Prince Hotel Kuala Lumpur

# Smart School Flagship : Pilot

The Smart School Pilot Project has been completed on December, 2002  
(Level A : 6 schools, Level B+ : 2 schools, Level B : 80 schools)



Malaysian Government  
(Ministry of Education)

+

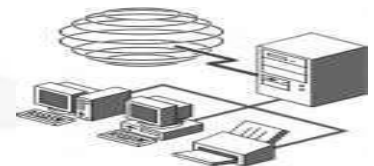


MDeC



Teachers and principles  
trained in use of Smart  
school applications

A Smart School  
Management System  
with 9 modules for  
major school functions



ICT infrastructure and  
system in 88 schools

1494 courseware titles for 4 subjects  
(Bahasa Melayu, Mathematics,  
Science and English) various printed  
materials

Support Services  
- HelpDesk



A Data Centre

# Chronology



**1999 – 2002:**

The pilot Smart Schools

**2002 – 2005:**

The post-pilot

**2006 – 2008:**

MDeC has been mandated to uplift the 88 Smart Schools to become benchmarked schools

**2006 – 2010:**

Making all schools smart

*Spearheading Transformation*

# Background



Dato' Seri Abdullah Haji Badawi  
Prime Minister of Malaysia

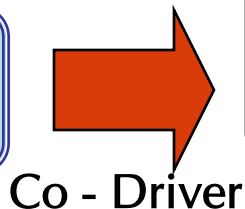
NITC 7<sup>th</sup> April 2006, YAB  
PM has acknowledged YB  
Minister of Education's  
proposal for MDeC to uplift  
the 88 Smart Schools to  
become model schools



Dato' Seri Hishammuddin Tun Hussein  
Minister of Education Malaysia

# MAJOR 2007 ACHIEVEMENTS

MDeC

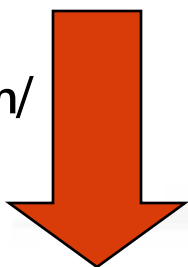


Co - Driver

## PEMANTAPAN

Making 88 Smart Schools  
Benchmarked Schools

Facilitation/  
Advisory



## PEMBESTARIAN

Making All Schools Smart  
1,737 schools

### Standards / Models Output

Smart School Qualification  
Standards (SSQS) copyrighted  
and adopted by MoE

Monitoring Model -25 schools  
achieved 5 star ranking

Centralised Service Desk - One  
stop centre adopted for 88 smart  
schools

6 Training Modules

Smart School International  
Conference (SSIC) - 32 countries  
participated



### Impact

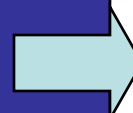
Increase in  
usage and  
adoption

Conducive ICT  
operating  
environment

Teachers'  
workload  
minimized

Professional and  
skilled teachers

Smart school  
Internationally &  
locally  
positioned



2008

Models,  
standards,  
modules

- Operationalised
- Enhancement
- Assessment

# SUSTAINING 88 BENCHMARKED SMART SCHOOLS: 2008 PROGRAMMES

## Innovative Application

- Cashless Environment
- Data Accumulation and Assessment Kit
- Deployment of School Management

## Enhancing ICT Operational Environment

- Architecture Review
- Centralized Service Desk (CSD) - POC

## Infrastructure and Technology Programmes

## Content & Experiential Learning Programmes

## Enriching Teaching and Learning

- Interactive Content POC
- Virtual Tour
- Mobile Content (SMS/MyKAD Attendance)

## Enhancing Experiential Learning

- Outcomes and Characteristics of a Students from a Smart School and a Non Smart School

## Increasing Usage & Adoption

- On-Site Monitoring for 88Smart Schools (POC-Outsourcing Model)

## Creating Champions

- Stakeholders' orientation programmes
- Leadership Best Practice Programme for 5-star Achievers

# Moving Forward : Ensuring All 88 Smart Schools Achieve 5 Star Rating

## Utilization

Advanced plus ICT-based application for school management

Devices

Electronic tools

Integration of ICT-based materials for teaching and learning (internet, educational tv, etc)

Development of ICT-based content by teachers

Self-learning

Student-PC contact hours

## Infrastructure

Improved

1:2 PC to Student Ratio

Anywhere, anytime

Minimum downtime

## Application

School management system modules

Learning content management

Software for development of teaching & learning materials

Coursewares

## Human Capital

Skills – Competency level of teachers and students

Smart partnership programme

Community support