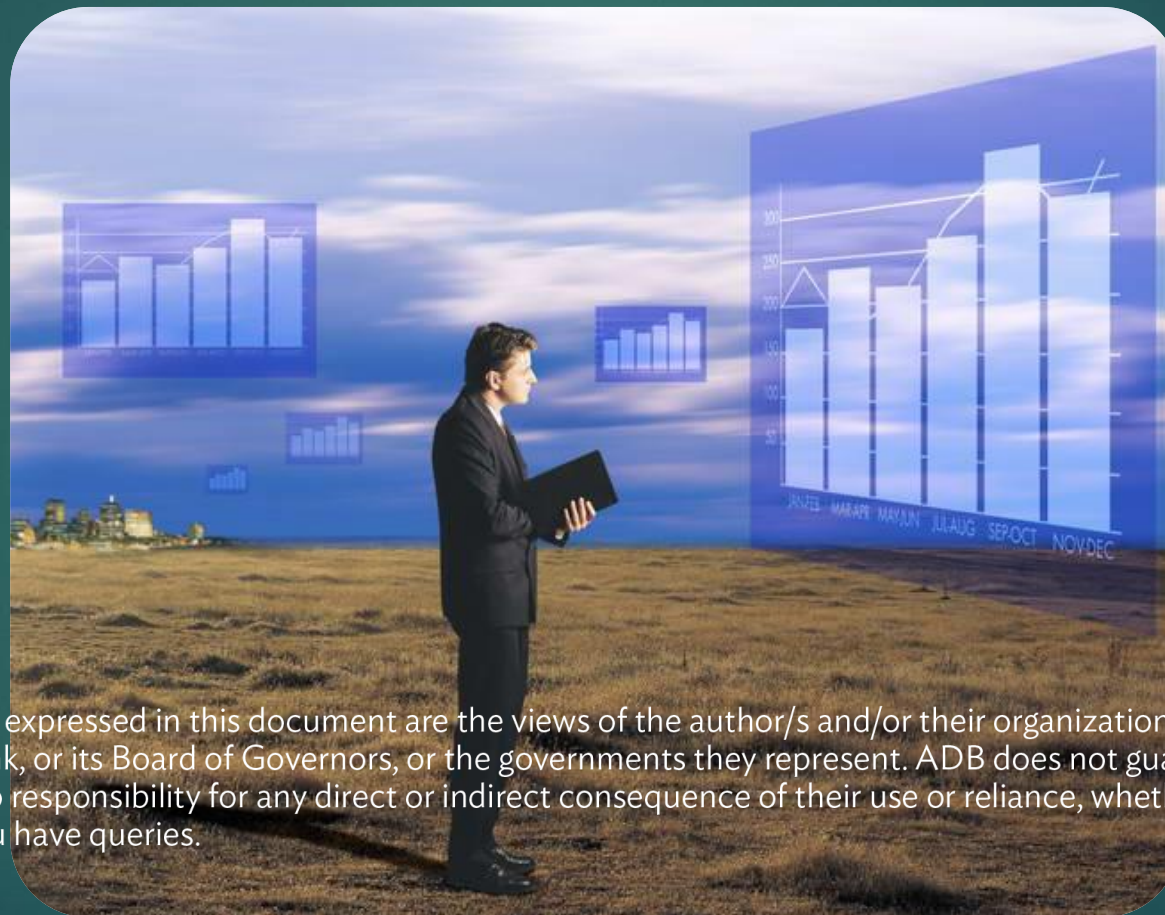


# Challenges in Setting up Sri Lanka for Virtual Education System



This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.



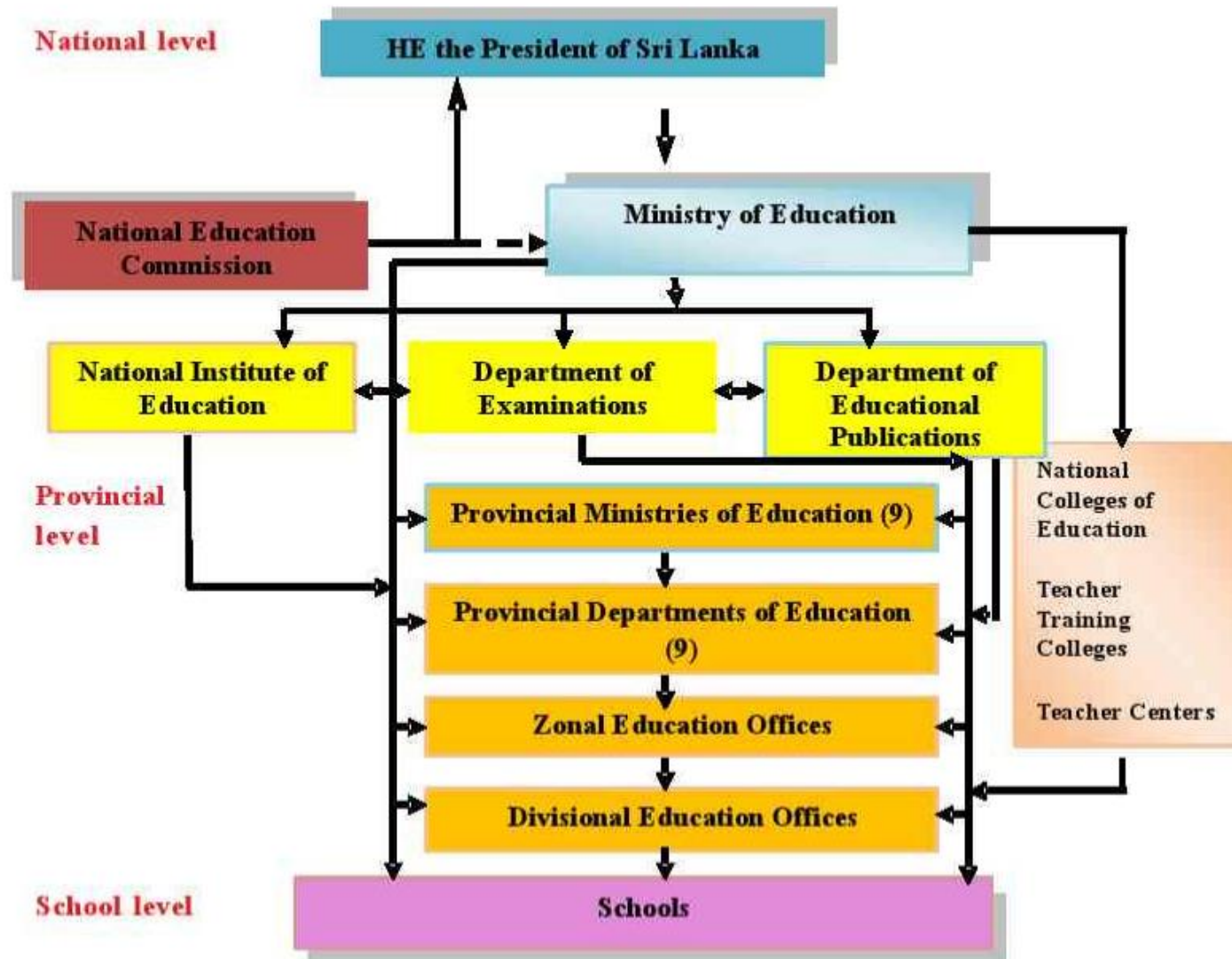
**Ministry of Education -Sri Lanka**

# Introduction

- ▶ ICTs are changing the nature of work and the workplace.
- ▶ The “knowledge revolution”, combined with economic globalization, has created conditions in which countries that have focused on knowledge-based industries have been able to gain significant rewards.
- ▶ Tremendous possibilities in enhancing students’ learning, developing teachers’ professional capability and strengthening institutional capacity
- ▶ Technology can always be used as an administrative along with management tool

# Structure of Ministry of Education in Sri Lanka

Figure 1.1: Education administrative structure in Sri Lanka



# Sri Lanka Education- At a Glance (2016)

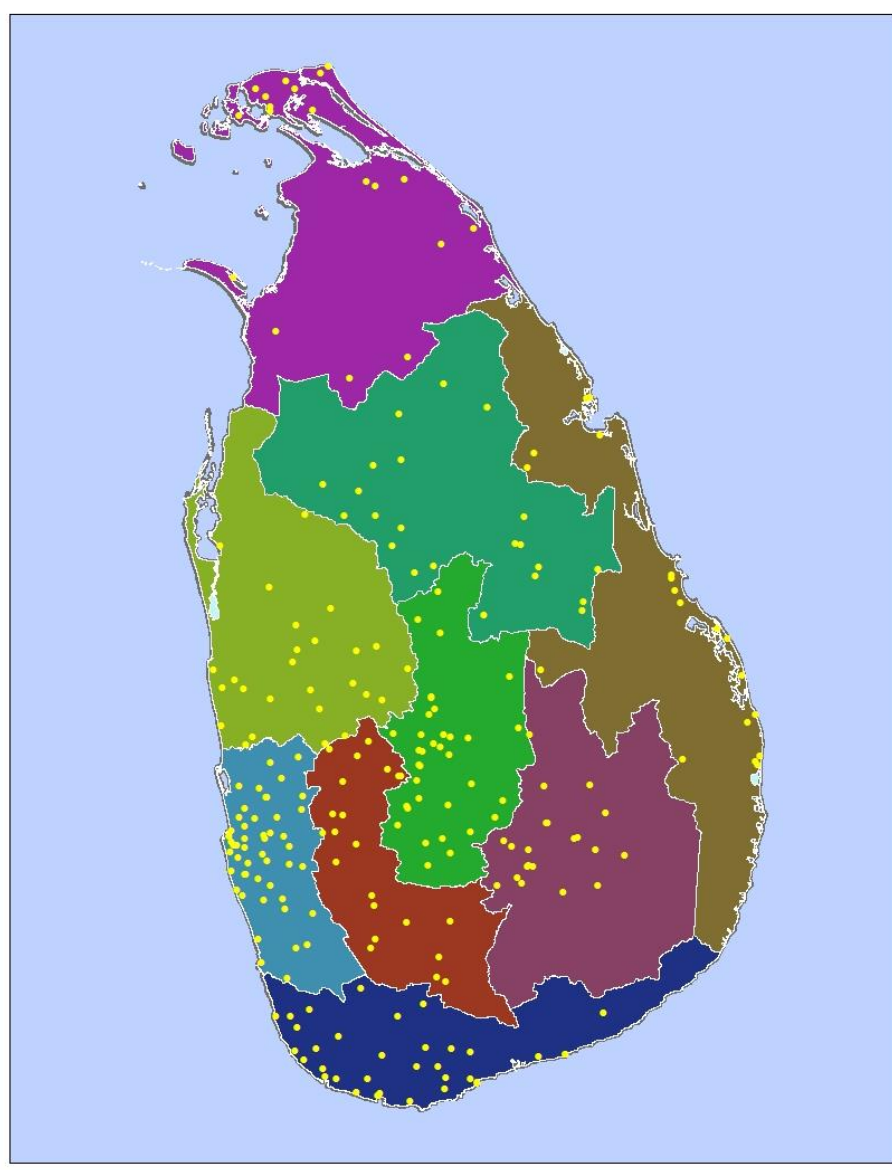
Schools  
**10,161**

Students  
**4,146,416**

Teachers  
**236,877**

ICT Teachers  
**4366**

Schools with  
Computer  
Labs  
**7349**



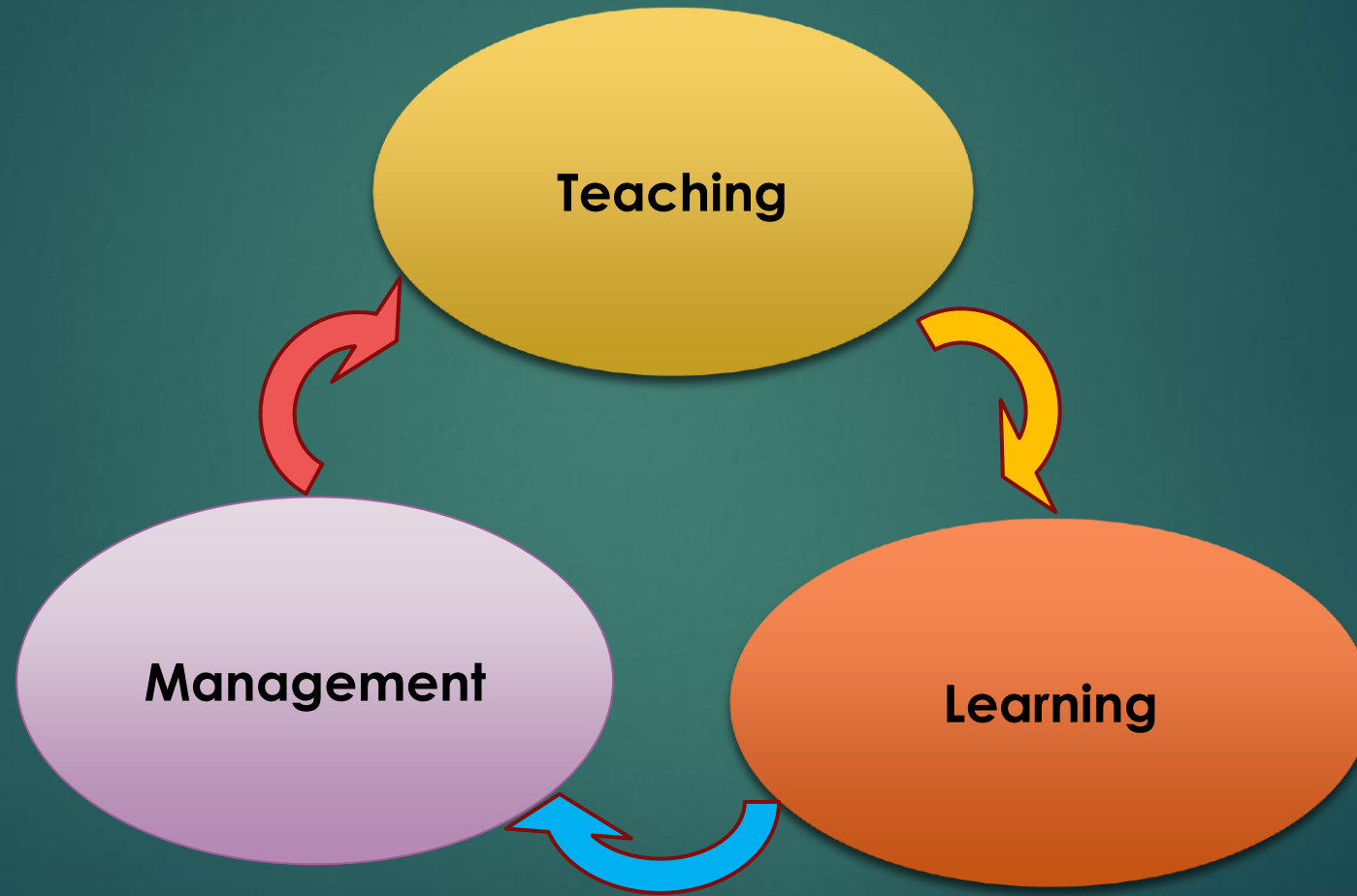
GCE O/L Pass  
Rate  
**69.33**  
(2015)

ICT Pass Rate (O/L)  
**92.86**  
(2015)

ICT Students (O/L)  
**48,781**  
(2015)

Computer  
Learning Centers  
**1478**

# ICT Application for Education





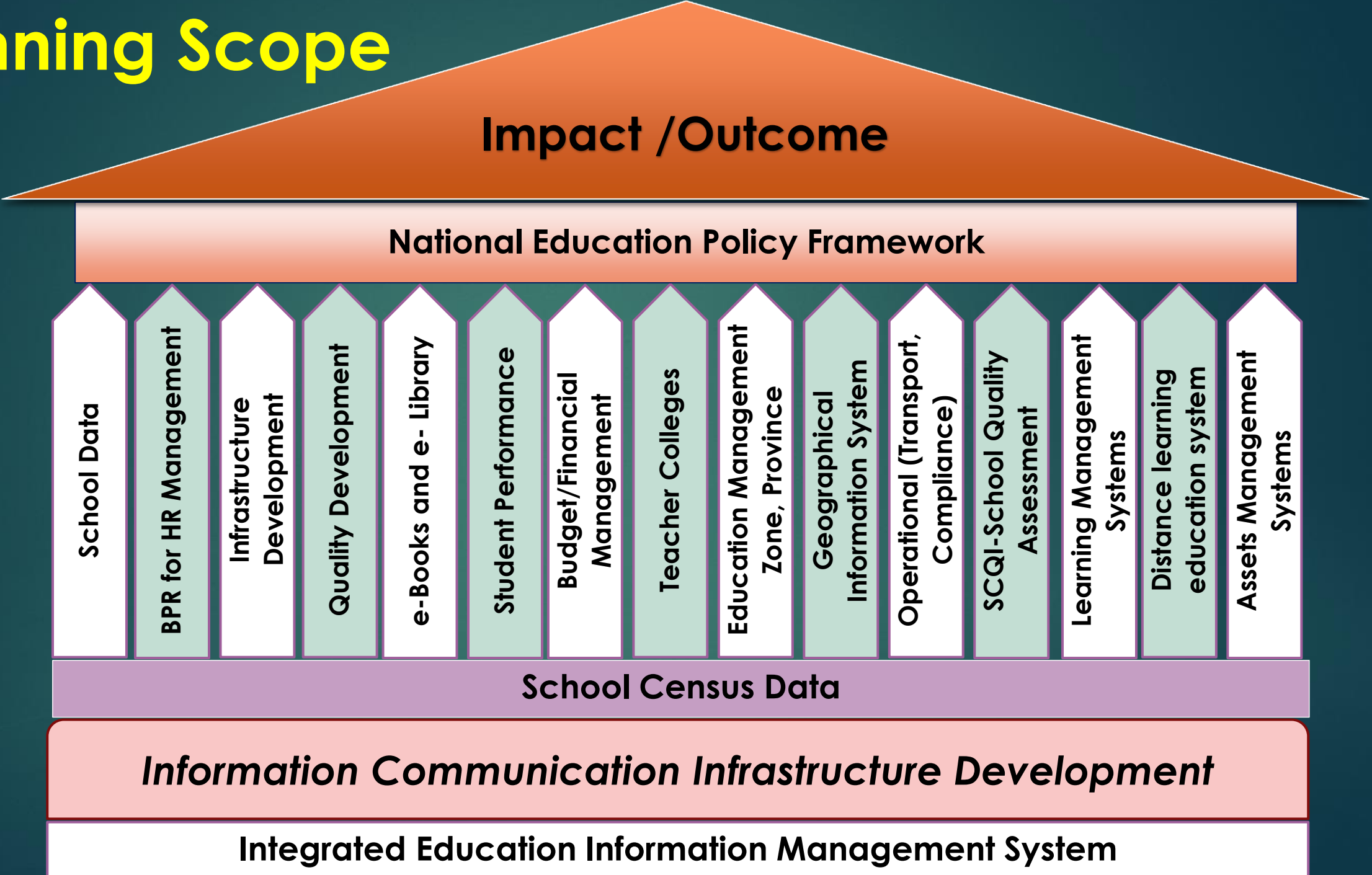
# Adaptation of the Change Process in a school, learning community and the education management

- ▶ In fact schools in Sri Lanka really have not changed much in the past 80 years
- ▶ Each attempt at educational innovation generally slip back in to traditional mode of educational operation that it is safe and familiar years.
- ▶ With sustainable, systematic change school and school education management should match to the future changes in the world

# Requirement of National ICT Development Framework for the Ministry of Education

- ▶ Within the framework of formal commitments, national plans to implement ICT objectives in education take on many forms including strategy papers, investment programmes, rulings and regulations that establish programmes with short term- to medium-term targets aligned with longer-term goals and objectives.

# Planning Scope

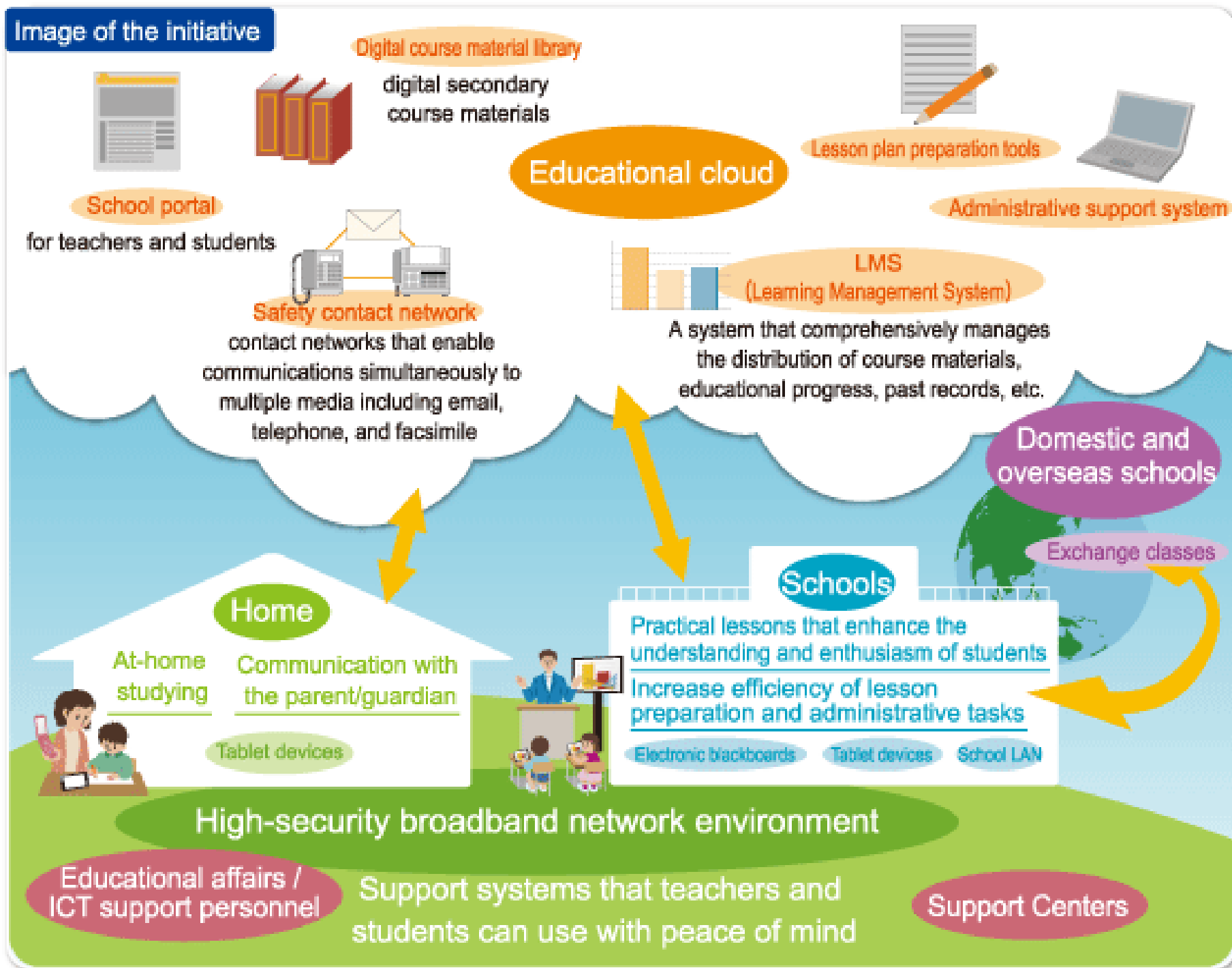




# Smart Academic System for School



Where we  
are now?



# Automated Decision Support System

- ▶ Government Policy Change
- ▶ Political Factors
- ▶ Quality of the data and information
- ▶ Lack National ICT Policy for Education Development

# ICT Infrastructure Development

- Labs
- Equipment
- Connectivity



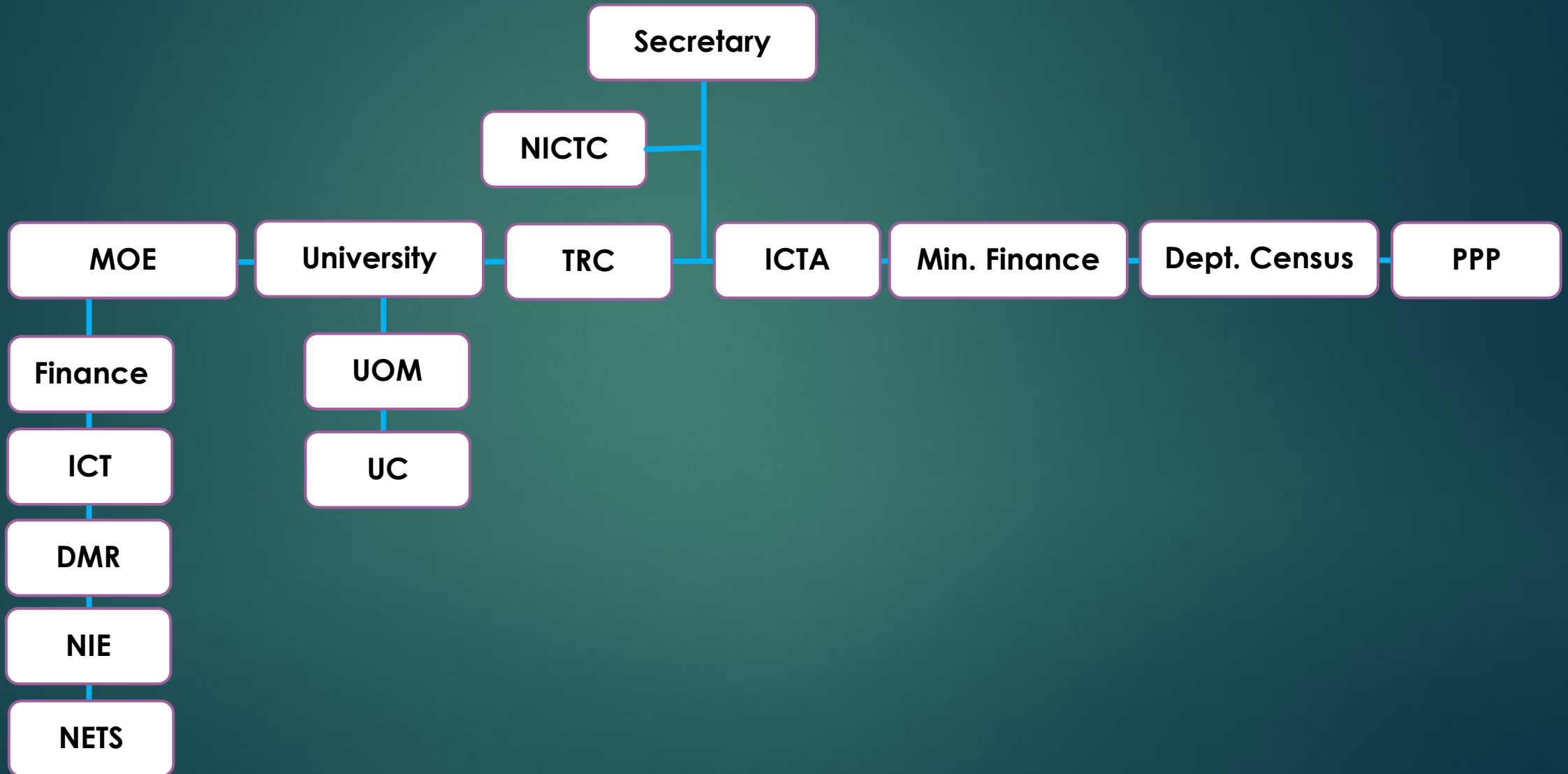
- We have limited ISP (5-6)

# IT Capacity Planning

- ▶ Understand the capacity requirement of the Education sector
- ▶ Ministry Mechanism and measure the current Capacity
- ▶ Scaling the capacity
- ▶ Reduce the beneficiary dissatisfaction
- ▶ Reduce the productivity Decline
- ▶ Improve the stability

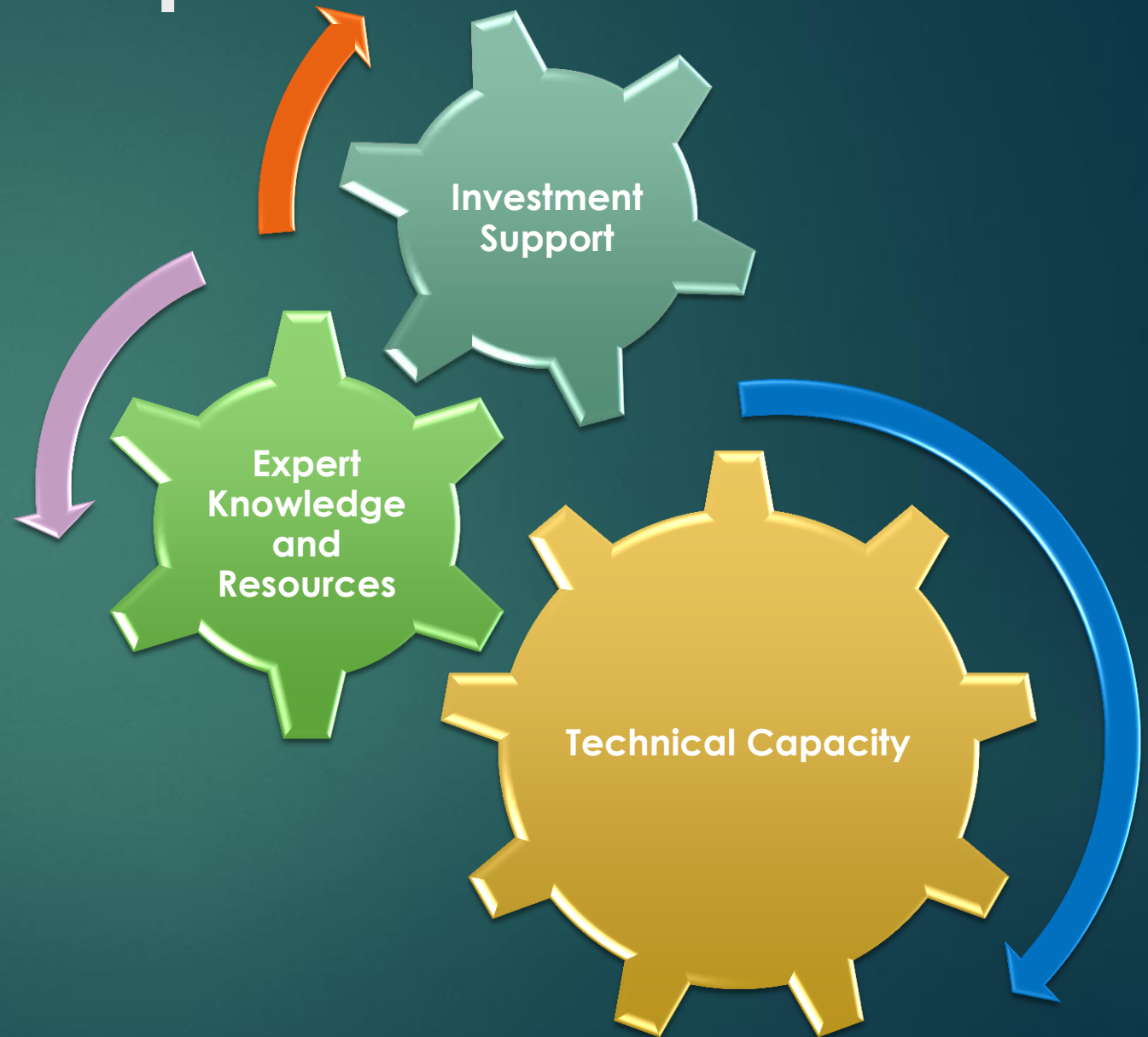


# Stake Holders Participation





# Private Public Partnership



- **Barriers in Government Circulars**

# Impact



# Management



# Institutions



# Teaching Learning Process



Thank you