

Energy Efficiency in Public Buildings

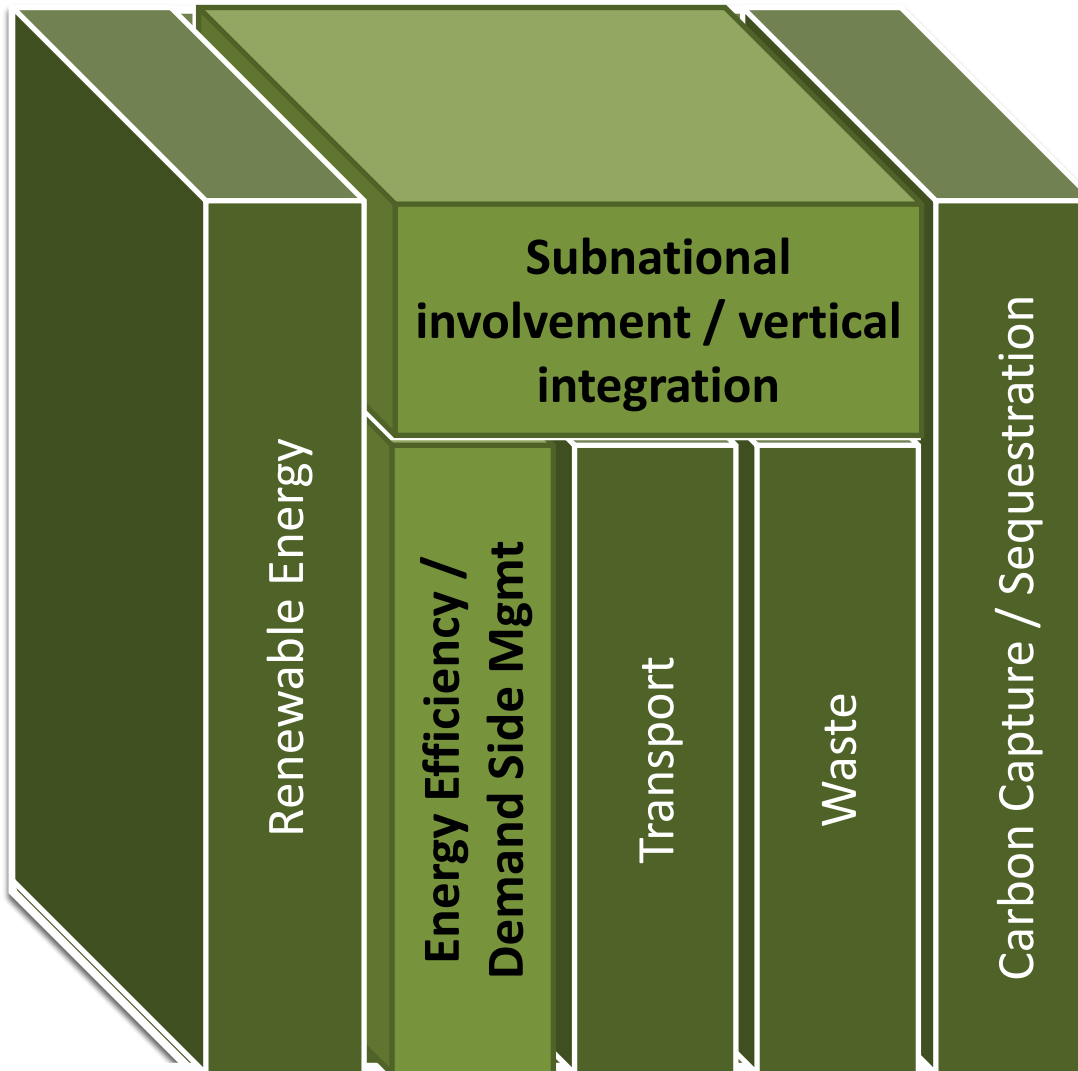
The South African Pilot



Vertically integrated NAMAs
for the involvement of sub
national actors in national
mitigation strategies

On behalf of

South African Climate Change Response Strategy



PGDS Targets & Interventions

2030 TARGETS

- 5000MW of Renewable Energy
- 9469Gwh of Energy Saved
- 1 Million Solar water heaters rolled out

INTERVENTIONS

1. RE Strategies & Policies
2. RE Demonstration Projects
3. Energy Management Systems
4. RE Manufacturing



Why Involvement of Sub Nationals?



Buildings - Transport - Waste
Sector with KEY COMPETENCIES on Sub National Level



KZN BUILDINGS

- Total of 34 buildings submitted
- 25 Buildings Chosen



dedt

DEPARTMENT :
Economic Development & Tourism
PROVINCE OF KWAZULU-NATAL

National
Level

Existing National Interdepartmental
Task Team on Energy Efficiency

V-NAMA Working Group
(DEA, DOE, DPW +
Sub-National Representatives)

Sub-National
V-NAMA
Steering
Commitees

Eastern
Cape +
Munics

Free State
+ Munics

Gauteng
+ Munics

KZN
+ Munics



Vertical Integration

- Need stronger vertical link
- Not enough regular engagement



Challenges

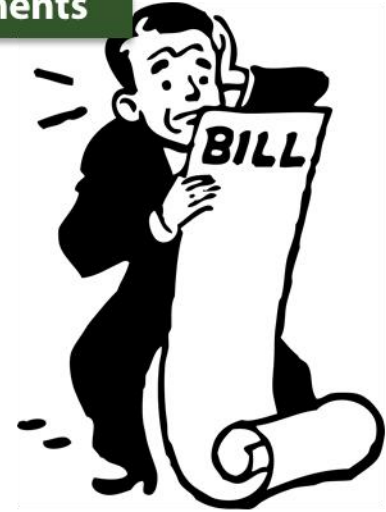
Capacity



Financing



Payments



Metering



Policy



Priorities



Behavioural Change

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ESCO MARKET

R7,8 billion National Industry (IDC Report)

Push vs Pull Strategy

Small vs Large firm Industry

ESCO MARKET



AWARENESS,
INFORMATION,
UNDERSTANDING

NATIONAL POLICIES,
REGULATION, INCENTIVES

ADMIN AND TRANSACTION COSTS

TRUST AND SCEPTISM

MONITORING AND VERIFICATION

EXTERNAL FACTORS- Energy Prices; Economy

Summary of Key Points

CLOSE THE GAP- EFFORT VS REWARD

LINK THE VNAMA TO GREATER JOB AND
ECONOMIC BENEFITS- ESCO MARKET

ENSURE CONTINUITY

IMPLEMENTATION

