### Lighting Global Quality Assurance

## Adopting, Implementing and Revising National Standards

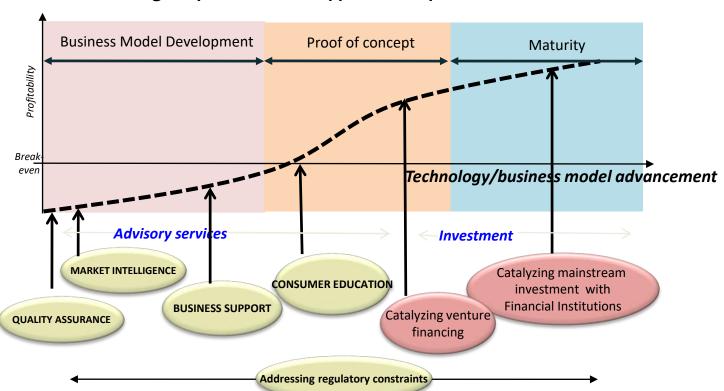
Kenya Experience



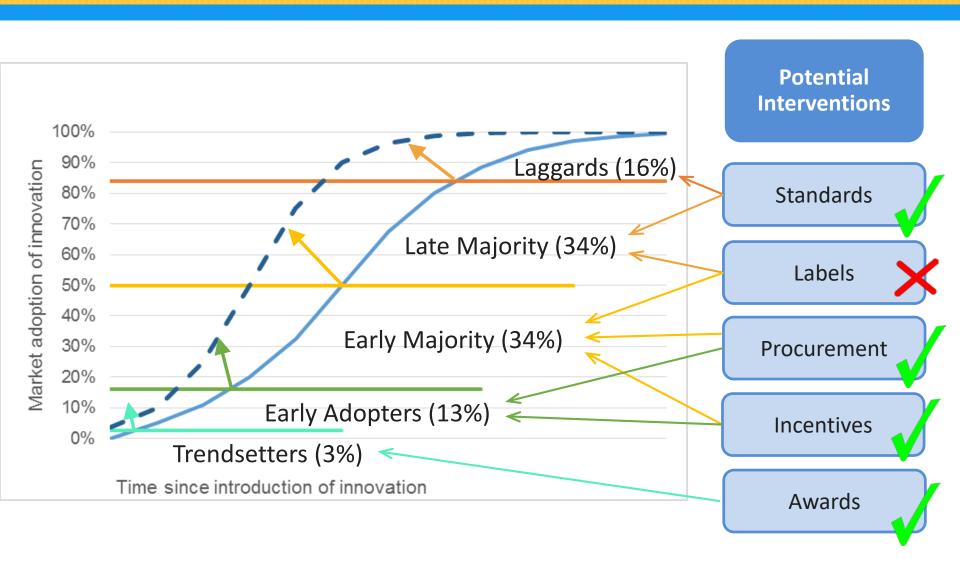


### **Catalyzing market development**

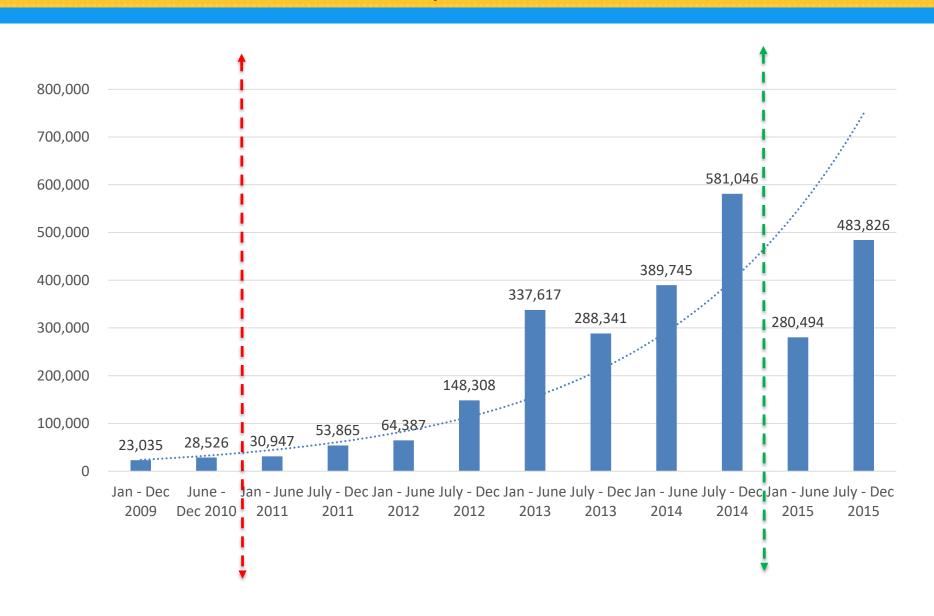
Lighting Africa/ Global operates along the market transformation curve, focusing on specific market support/development activities ...



## Consider Additional Market Transformation Interventions



### LA Kenya Sales trend



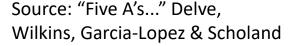
## Initial Program Considerations: Prerequisites – Technology

Was the technology ready to be regulated?

(After being rejected in 2010, conditions were right in 2014, LG/ WBG Team got go-ahead from

#### KEBS)

- Availability does the technology exist? Yes
- Awareness does the market know about the technology? Yes
- Accessibility does the market have easy access to the technology? Yes
- Affordability is the technology affordable? Yes
- Acceptance are the form, fit and function of the technology acceptable? Yes







## Initial Program Considerations: Prerequisites - Sociopolitical

Was the country ready to regulate? *Imperfect situation* 

- *Political will* is there high level political support?
- Institutional, financial & human resources are there sufficient resources to run a program?
- Legislative frameworks are there existing legal and authoritative resources to build on or use?
- Physical / facilities resources does the program have access to quality testing labs, or other necessary facilities?
- Well-organized consumer / advocacy groups are there organizations in place to support the program and represent consumer needs?
- Thriving manufacturing sector / distributors / retailers are there business to business relationships in place, and can they represent the industry in the rulemaking process?

# Identify and Clarify Key Roles and Responsibilities

Responsibility Area	Potential Authorities
Strategy & Policy	Ministry (MOEP)
Standards Development	Standards Bureau (KEBS)
Regulations	Ministry, Energy Agency (MOEP, ERC)
S&L Program Administrator	Ministry, Standards Bureau, Energy Agency (MOEP, KEBS, PVOC, ERC)
S&L Program Communication	Ministry, Standards Bureau, Energy Agency, Enforcement Agency (KEBS, LG)
Compliance	Energy Agency, Standards Bureau, Enforcement Agency, Standards Bureau, etc (KEBS –PVOC, Surveillance)
Testing & Research Centre	National or International Test Labs or Universities (International Labs exist, ISO 17025 Accreditation ongoing: UON)

# An Holistic Approach To Standards Adoption And Implementation

#### GOAL-SETTING

Engage all relevant government agencies to agree to goals and formulate a shared vision for the future.

Identified critical Govt. Institutions to be KEBS (TC), MOEP, ERC (TC)

KEBS well
experienced in
adopting IEC
standards. Achieved
buy-in of KEBS from
MD and relevant
structures.
Devolution of Kenya

Govt had an

unexpected impact

#### PLANNING

Formulate a plan for adopting and implementing standards (includes assessing existing institutional capacity and regulatory framework, establish market baseline conditions)

#### COMMUNICATIONS

Engage and communicate with stakeholders from the private sector and civil society

#### **STANDARDS**

Adopt internationally recognized test methods and quality standards

#### **TESTING**

Develop product testing capacity, as required

#### COMPLIANCE

Develop monitoring, verification, and enforcement

## **√**X

#### **IMPLEMENTATION**

Transition to mandatory standards once the above elements are in place and begin enforcement

#### **EVALUATION**

Evaluate program success periodically and refine program elements as appropriate

### CAPACITY

Build capacity of implementing agencies



KEBS, LG, CLASP discussing standards impact evaluation





