

Lighting Global Quality Assurance

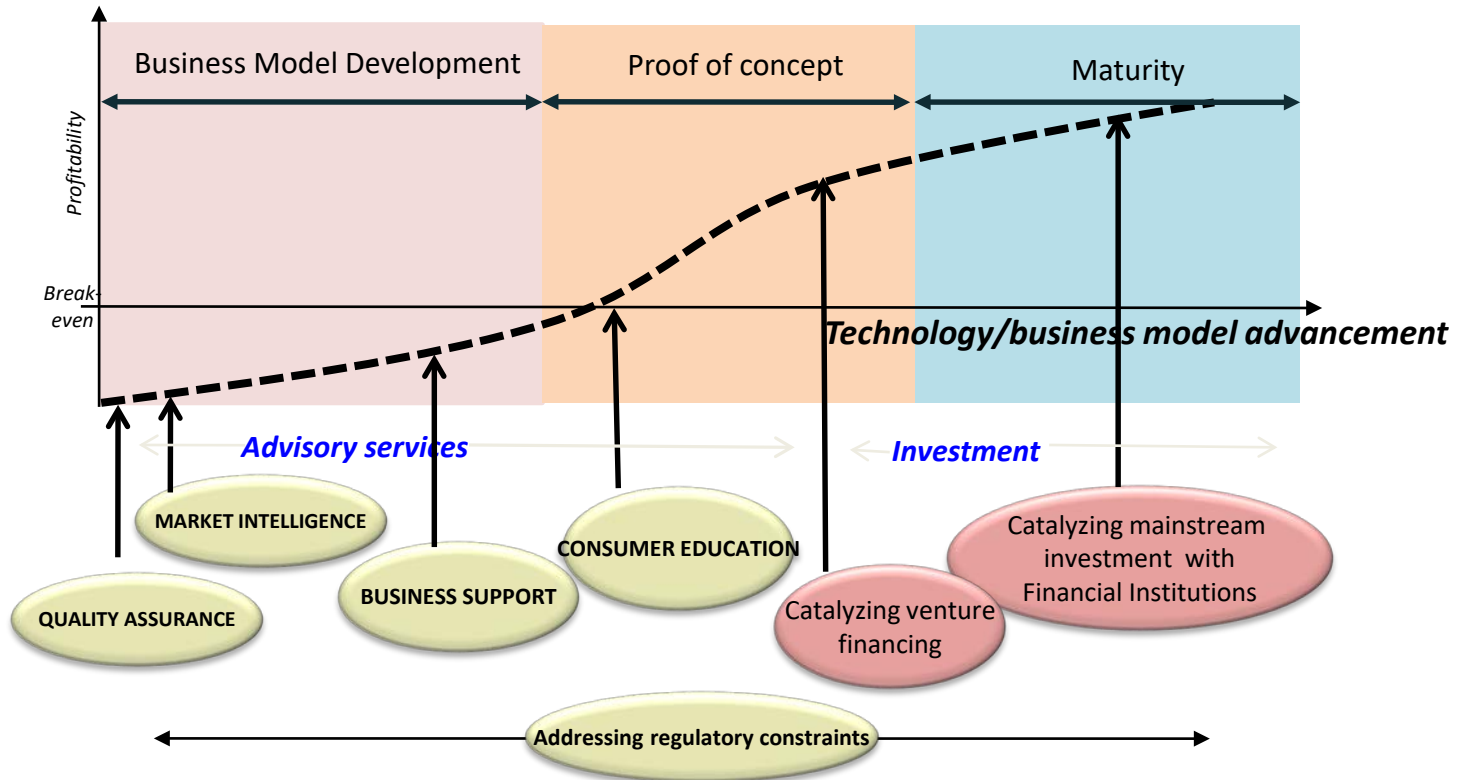
Adopting, Implementing and Revising National Standards

Kenya Experience

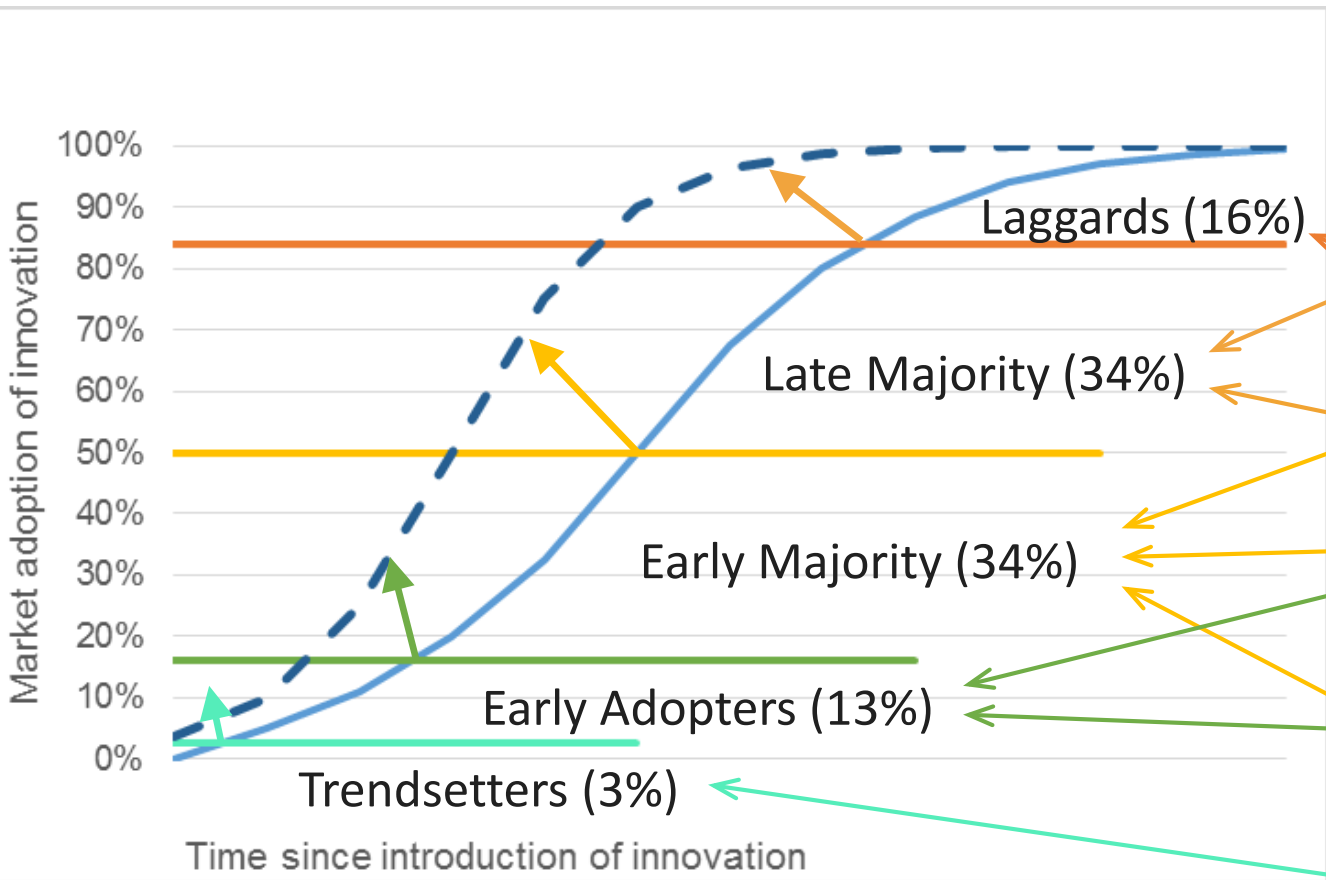


Catalyzing market development

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

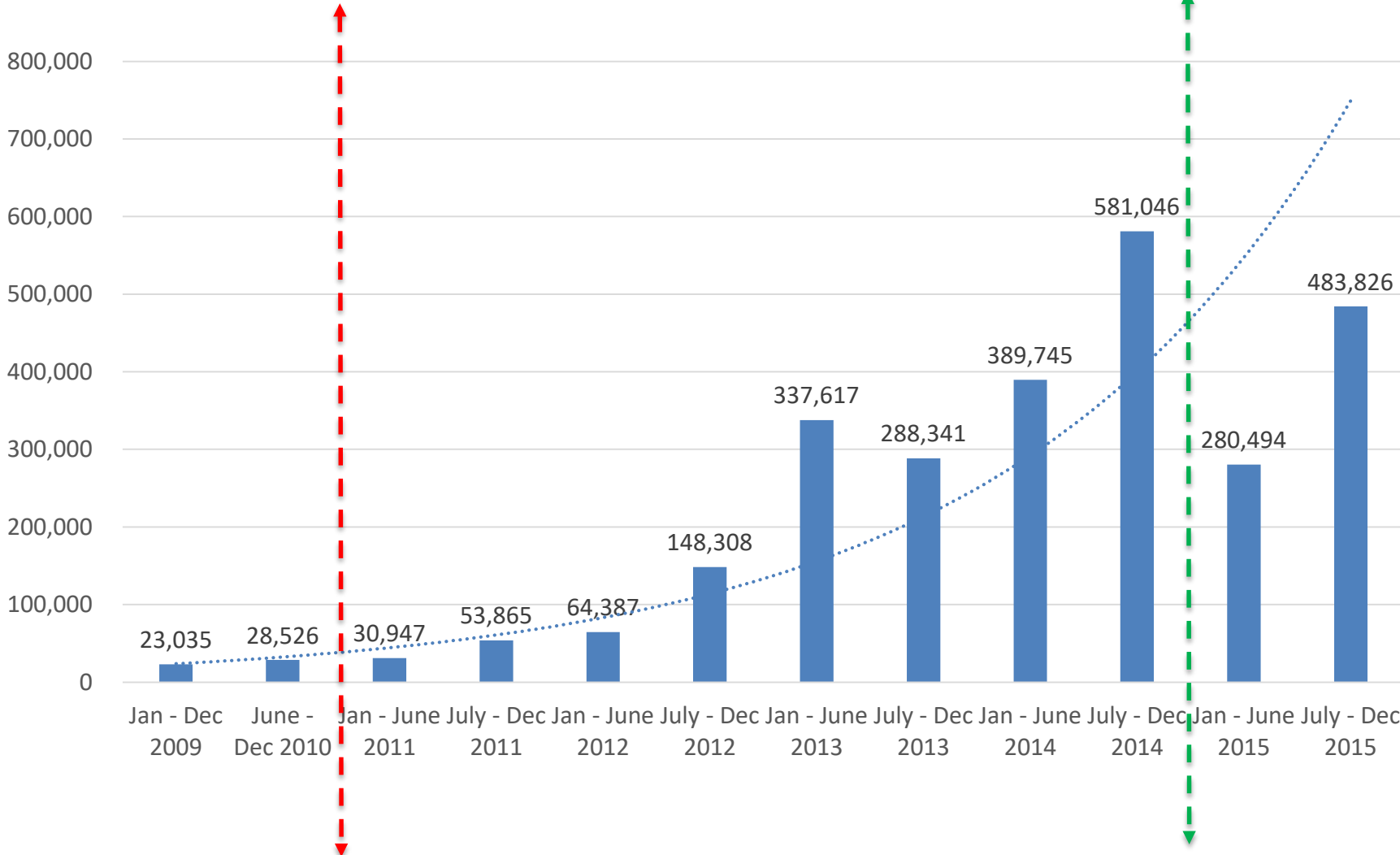


Consider Additional Market Transformation Interventions



- Potential Interventions**
- Standards ✓
 - Labels ✗
 - Procurement ✓
 - Incentives ✓
 - Awards ✓

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**

Source: “Five A’s...” Delve,
Wilkins, Garcia-Lopez & Scholand

Initial Program Considerations: Prerequisites - Sociopolitical

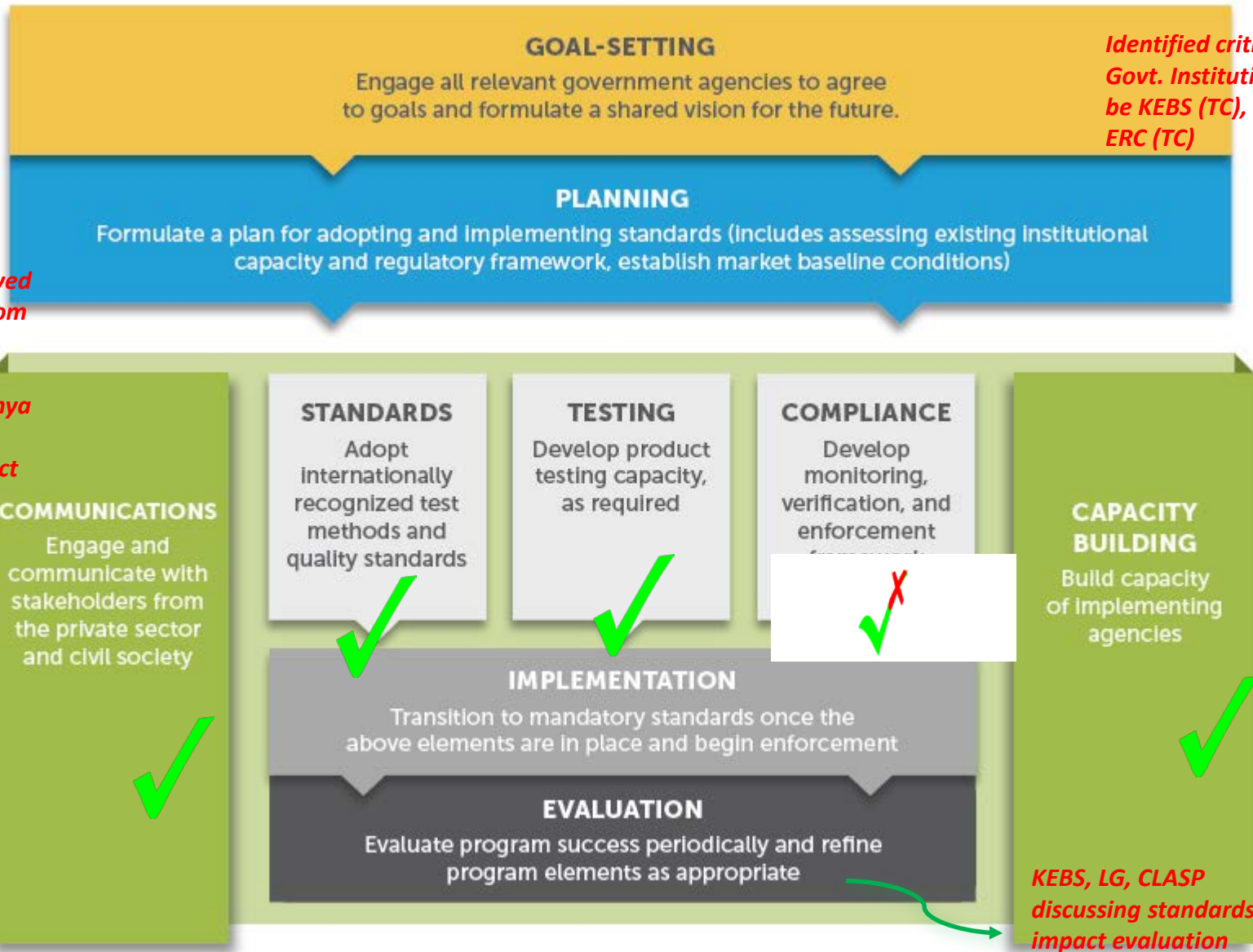
Was the country ready to regulate? *Imperfect situation*

- *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, PVOOC, 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 –PVOOC, 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



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

