

# Energy Efficiency Delivery Frameworks

18 October 2011

IPEEC-WEACT Energy Efficiency Policy Dialogue

Jakarta, Indonesia

Grayson Heffner



International  
Energy Agency

# Topics

- **Why energy efficiency policies?**
- **Why are delivery frameworks important?**
- **What indicates effective energy efficiency policy delivery?**
- **How do you create effective delivery frameworks?**

# Why energy efficiency policy?

## ■ Benefits

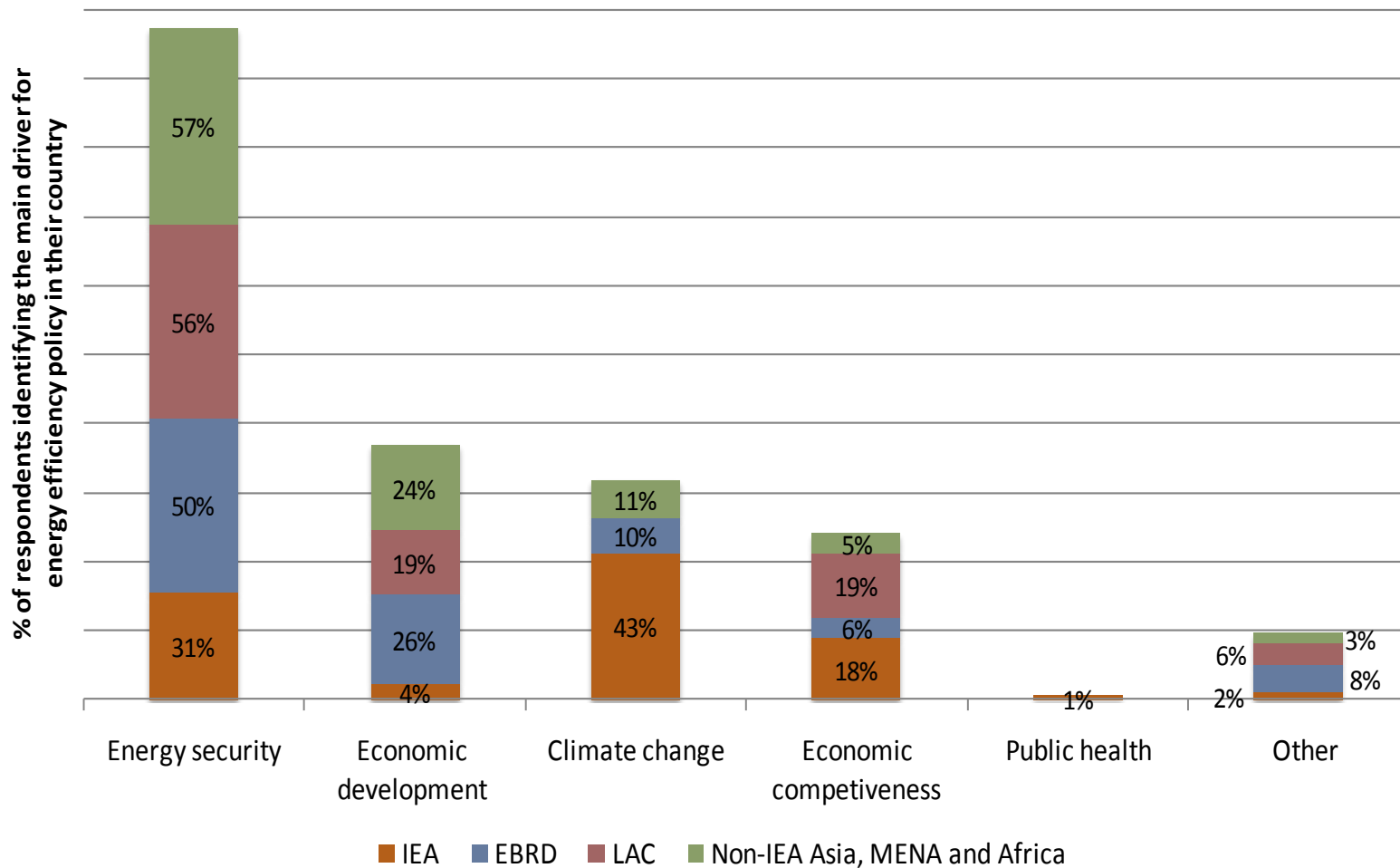
- Energy security
- Affordability
- Competitiveness
- Climate change mitigation

## ■ Barriers

- Awareness
- Artificially low prices
- Market failures
- Lack of capacity

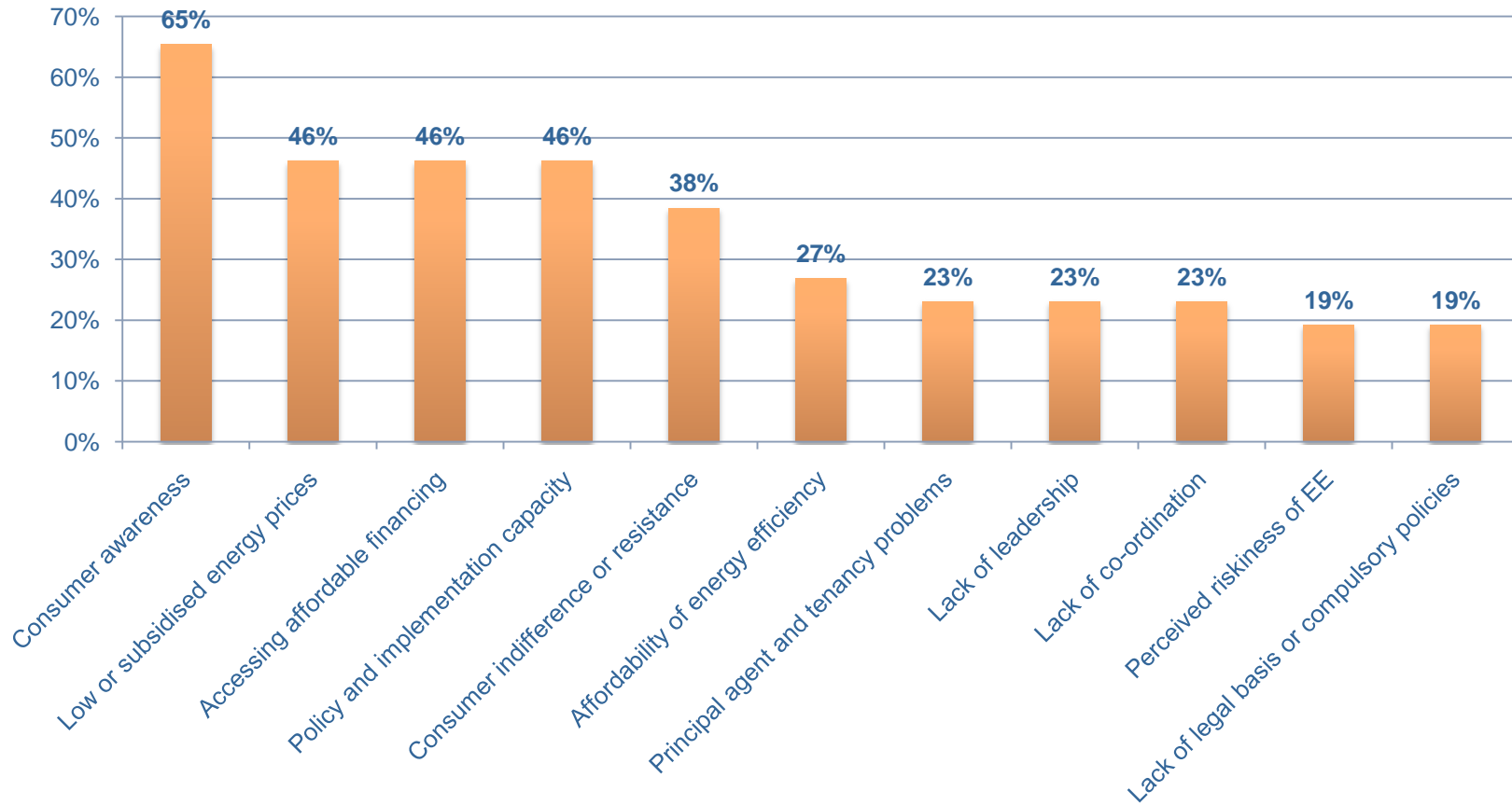
# Energy Efficiency Policy Drivers

## Worldwide



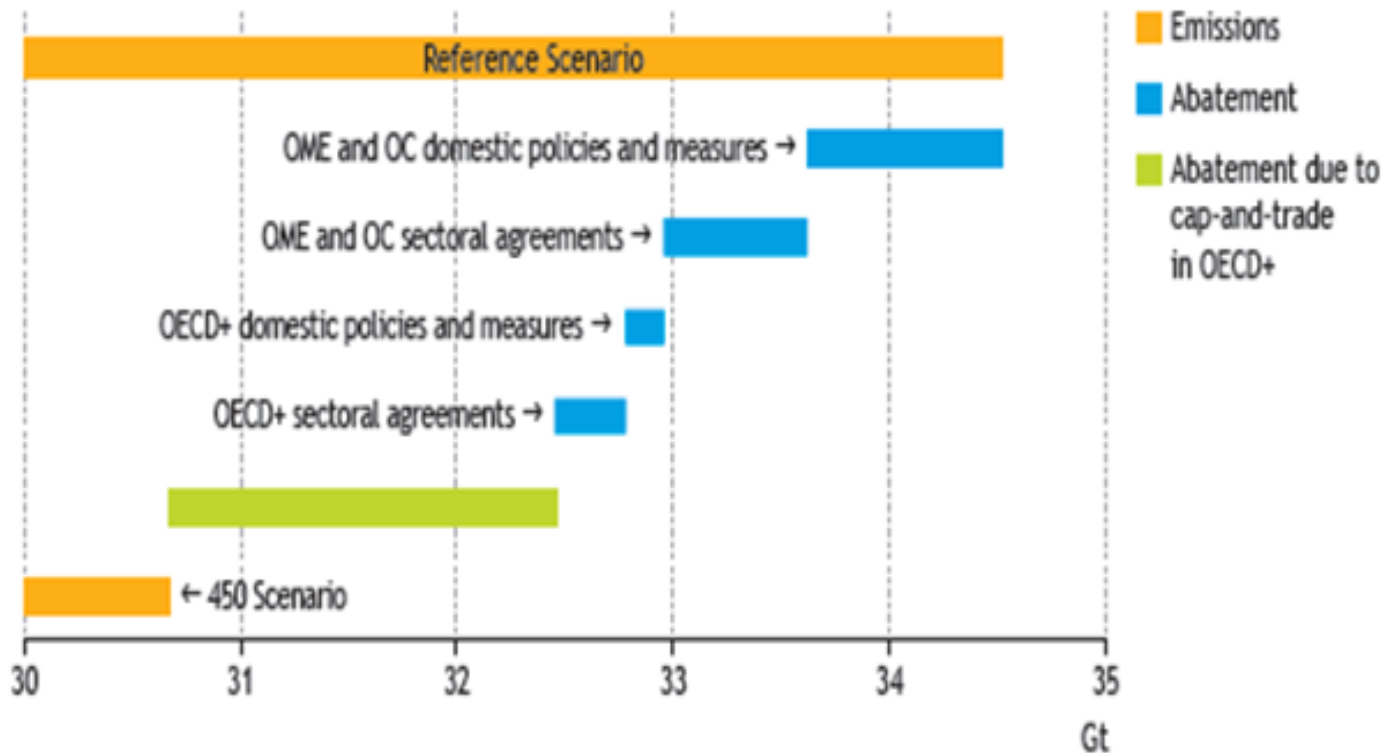


# Most cited energy efficiency barriers



*End-user awareness, low energy prices, access to financing, and implementation capacity top the list*

# Why delivery frameworks are important



*National policies and measures will deliver half of GHG emissions reductions to 2030, about 1.2 Gt, mostly from efficiency improvements.*

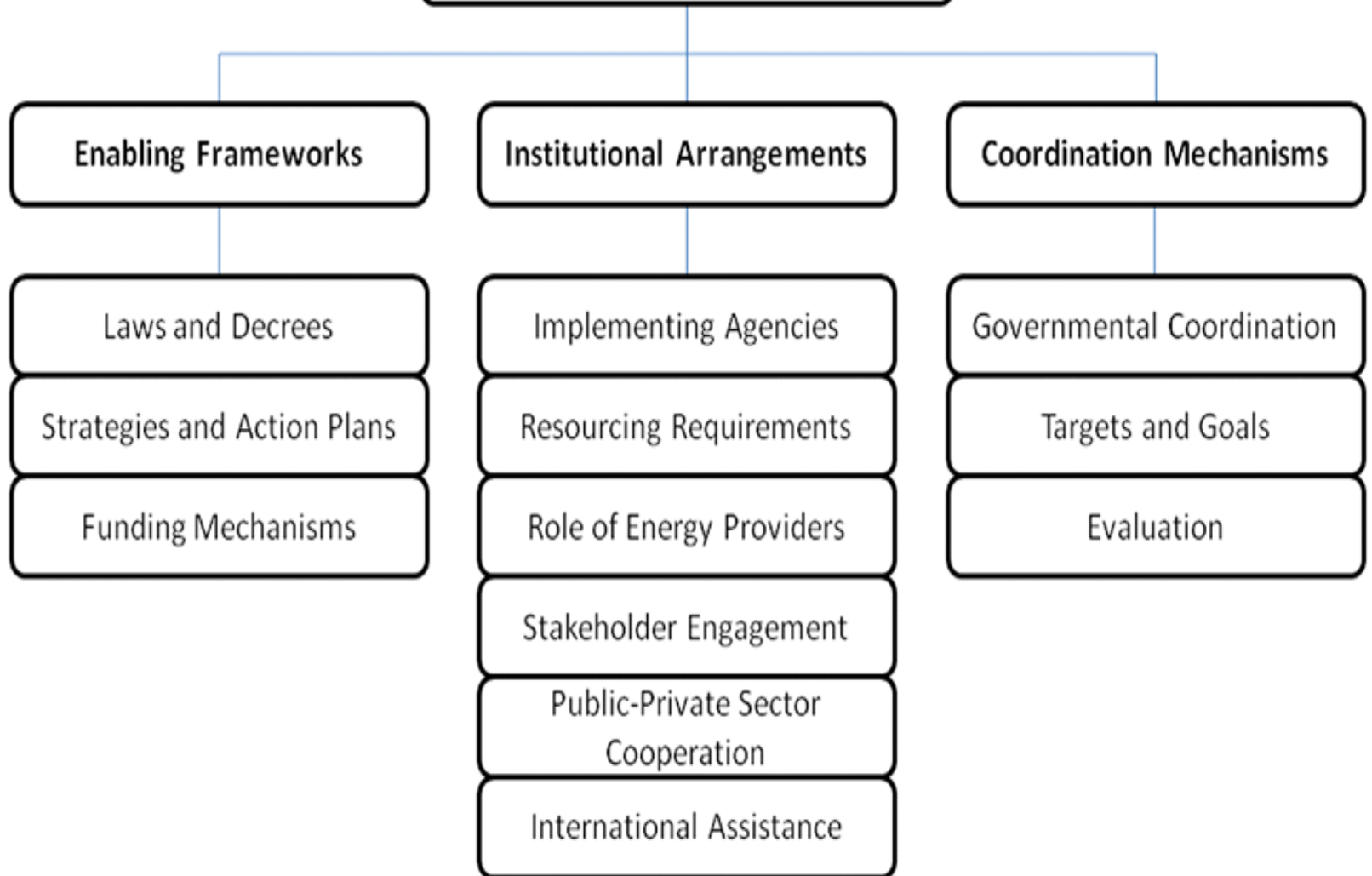
*Effective policy delivery is crucial to realizing climate change mitigation targets.*

\*Three country categories in the *WEO*: OECD, Other Major Economies (OME) and Other Countries (OC)

# Effective energy efficiency policy delivery means:

- **Clear implementation authority**
- **Accountability established**
- **Strong political consensus**
- **Partnerships for implementation**
- **Resources are provided**
- **Oversight arrangements in place**

# Energy Efficiency Governance





# Inter-linking aspects of EE governance

EE Governance Mechanisms	EE Governance Outcome Objectives					
	Confer authority	Build consensus	Establish partnerships	Assign responsibility and create accountability	Mobilise resources	Establish oversight of results
Laws and decrees	✓			✓	✓	✓
Strategies and action plans	✓	✓	✓	✓		
Funding mechanisms					✓	
Implementing agencies				✓	✓	✓
Resourcing					✓	
Role of energy providers	✓		✓	✓		
Stakeholder engagement		✓	✓		✓	
Public-private sector co-operation	✓	✓	✓		✓	
International assistance		✓	✓		✓	
Governmental co-ordination	✓	✓				✓
Targets		✓		✓		✓
Evaluation		✓				✓

# Discussion questions

- Are there outstanding examples of good policy delivery in the region?
- What problems can an energy efficiency law solve?
- Is an energy efficiency agency needed to deliver energy efficiency policies?
- What's the best way to fund energy efficiency policies?
- What can governments do to clear the way for private sector delivery of energy efficiency?
- Who should check whether energy efficiency policies are working or not?