

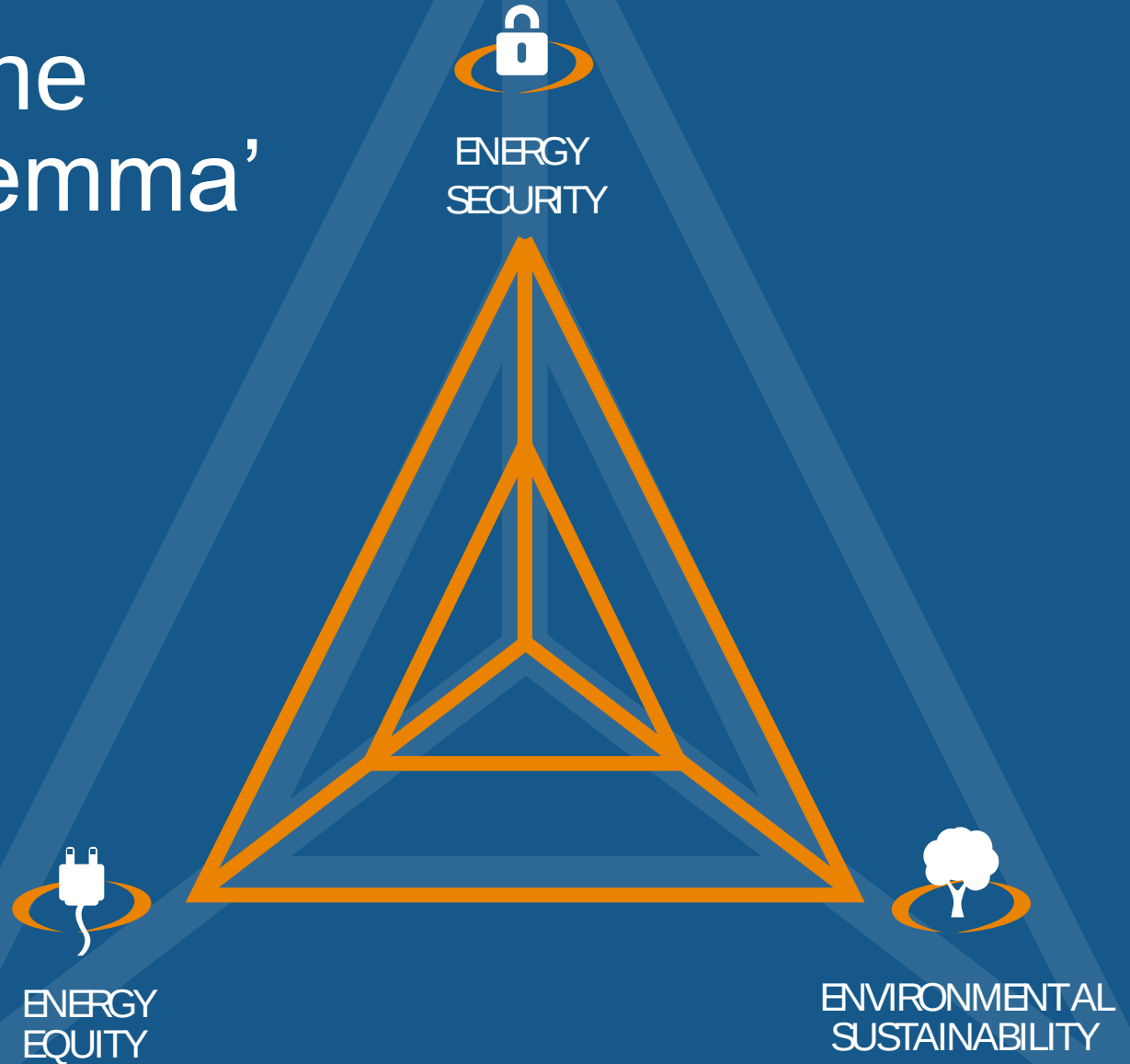
# Climate-Energy Security Nexus: Role of Policy in Building Resilience to Climate Change



4 November 2015

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# Balancing the 'Energy Trilemma'



# World Energy Trilemma report

Energy Sustainability  
Index

Policy review and  
analysis (deep dives)

## Call for increased dialogue

- 2012 report **views of 40 senior energy executives**
- 2013 report **response of governments, multilateral organisations and development banks**
- Culminating in **Agenda for Change**

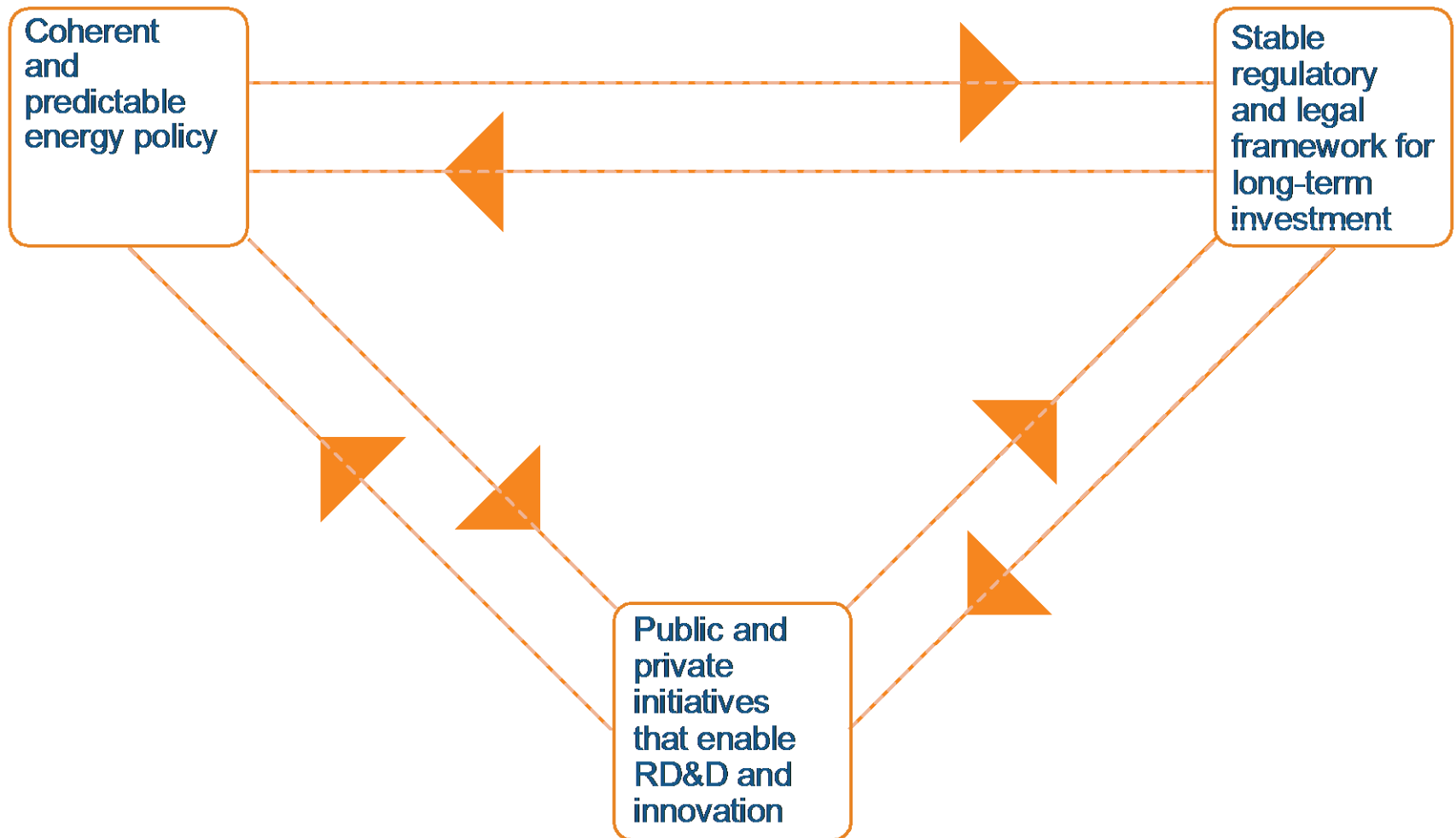


# 10-POINT AGENDA FOR CHANGE

The World Energy Council's World Energy Trilemma 2012–2013 research programme captured the insights of more than 100 global energy leaders and led to the identification of a 10-point agenda to address three broad policy areas.



# Clear vision with a mix of energy sources and technologies



# Help from energy industry

1. Greater dialogue, sharing knowledge and experiences
2. Better risk alignment
3. Economic development on a new path to energy sustainability

# Role of financial community

1. Help policymakers and energy sector understand different financial investors and instruments
2. Engage with regulators
3. Develop risk management mechanisms
4. Review existing rating models
5. Invest in human capacity

# Resilience- Issues

- ▶ Integrating risk management
- ▶ Allocation of risk and accountability
- ▶ Local, national, and regional co-ordination
- ▶ Pricing and incentivising resilience

# WEC Resilience Initiative

- ▶ Define and identify risk dimensions
- ▶ Provide examples and case studies of risks
- ▶ Display an understanding of regional risk trends
- ▶ Identify instruments to address risks
- ▶ Recommend innovative instruments
- ▶ Create dialogue platform

# Deliverables

- ▶ A challenging thought leadership piece to guide investment in infrastructure projects
- ▶ A unique interactive tool for identifying risks by geography, according to various future scenarios
- ▶ Interaction with relevant WEC and external initiatives such as:
  - UN Sustainable Energy for All
  - European Commissions' Sustainable Energy Initiative
  - OECD's Enabling Investment in Sustainable Energy Infrastructure
  - IEA- ????

# What can the IEA do?

- ▶ Produce risk analysis templates- tailored to subsectors
- ▶ Identify and promulgate best practice
- ▶ Facilitate dialogue among key stakeholders
- ▶ Engage financial community
- ▶ Partner with WEC to coordinate?

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