



INTERNATIONAL ENERGY FORUM

**26<sup>th</sup> Session of the Committee on Sustainable Energy | United Nations | Geneva 26-28 September 2017**

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A faint, stylized world map serves as a background for the title. The map is composed of a network of grey dots connected by thin grey lines, representing global connectivity or energy networks. The continents are clearly outlined by this network structure.

# **Energy Transition**

## **The role of international and regional cooperation**

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[www.ief.org](http://www.ief.org)

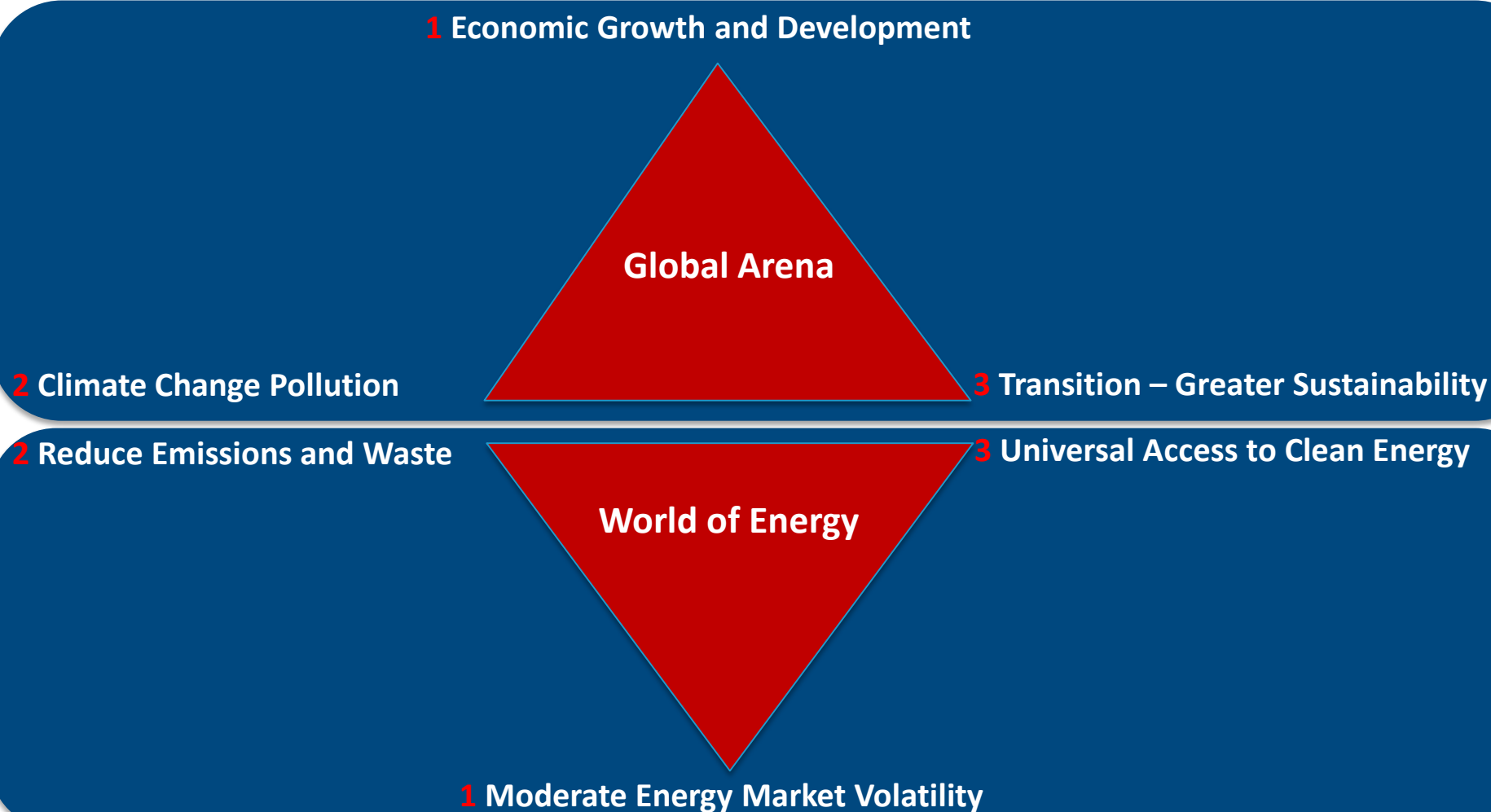
# Flow

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1. IEF role in cooperation with other organisations (3+3 Challenges)
2. Where are we on the transition pathway (when is the turning points)
3. Key IEF Initiatives

# 3+3 Challenges

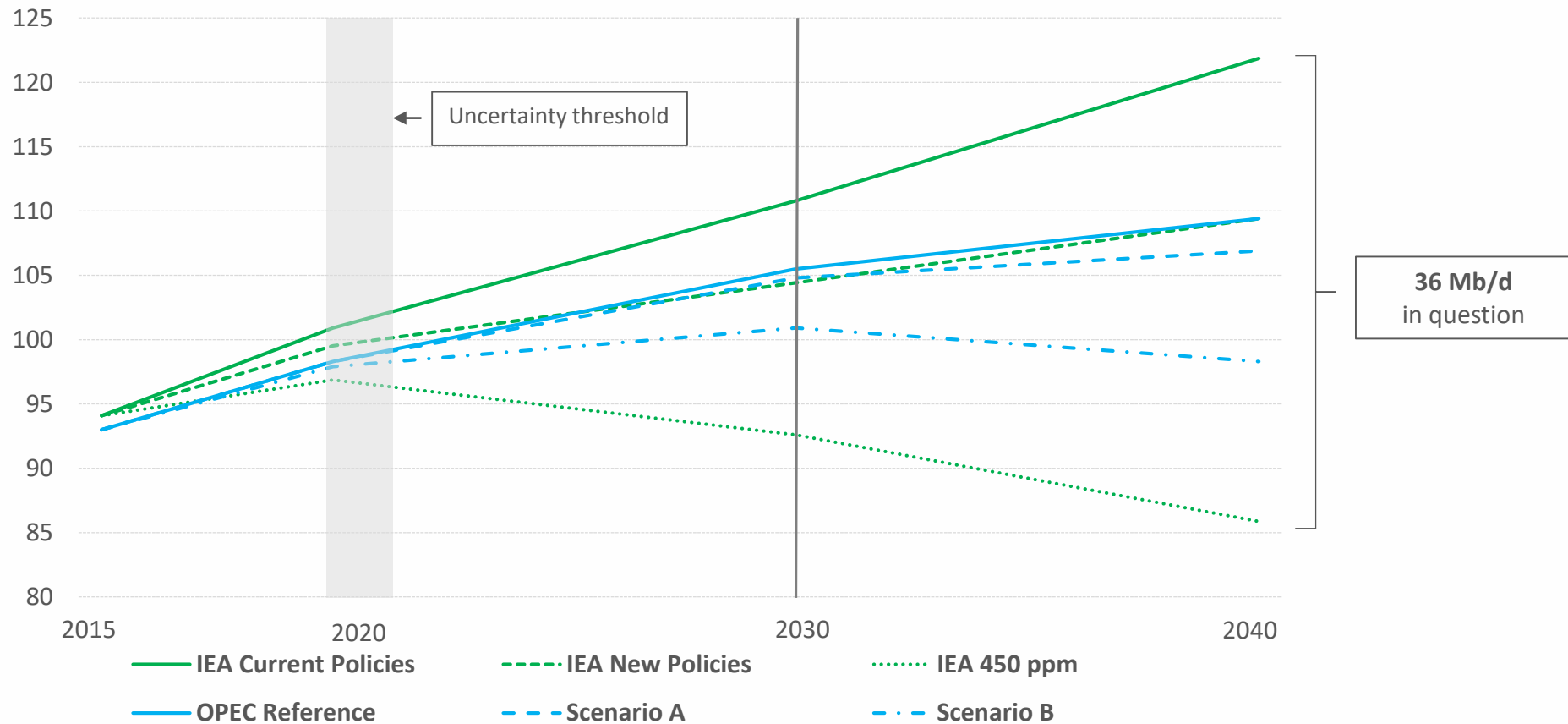
Addressed by dialogue and cooperation on IEF platform



# When is the turning point?

Demand, technology, and transition policy; increased uncertainty after 2020s

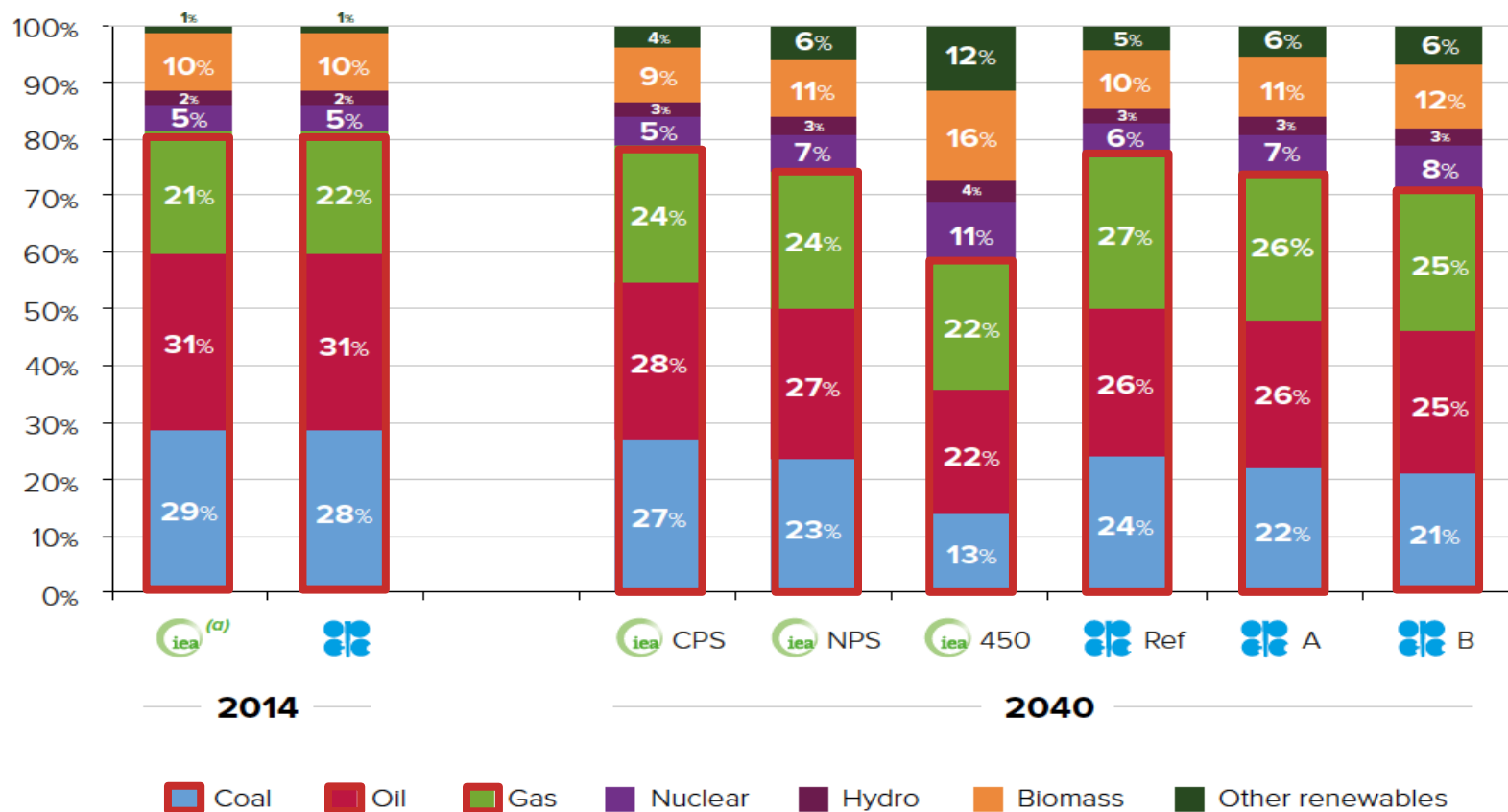
IEA OPEC Long-term Liquids Demand Projections



Sources: IEF-Resources for the Future Introductory Paper for the Sixth IEA-IEF-OPEC Symposium on Energy Outlooks February 2016

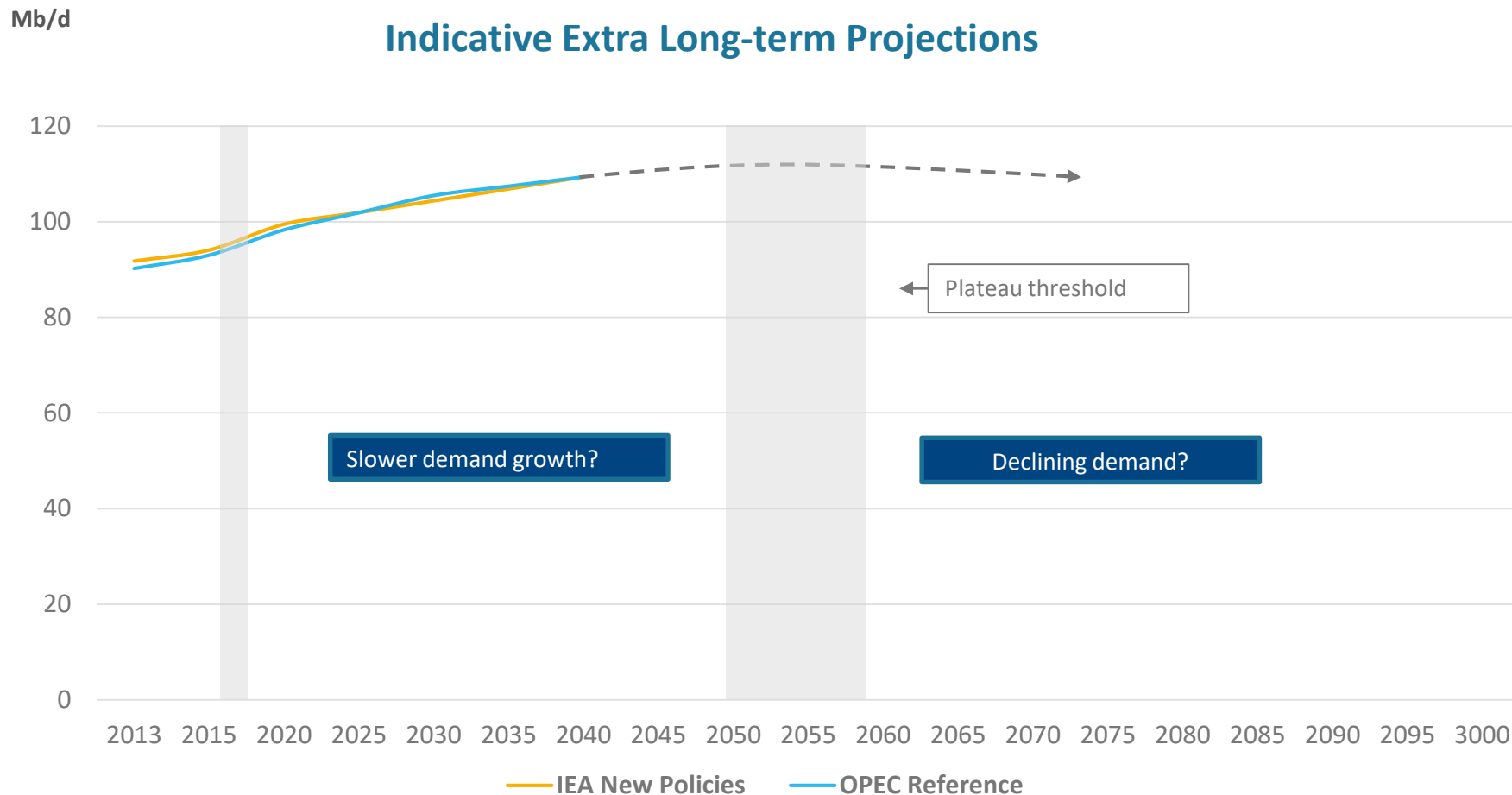
# IEA and OPEC show fossil fuel shares still range between 57% and 79% in 2040

World Primary Energy Fuel Shares in 2014 and Outlook for 2040



# Slower demand growth looks certain...

## Main pathways point at demand plateau in 2050s



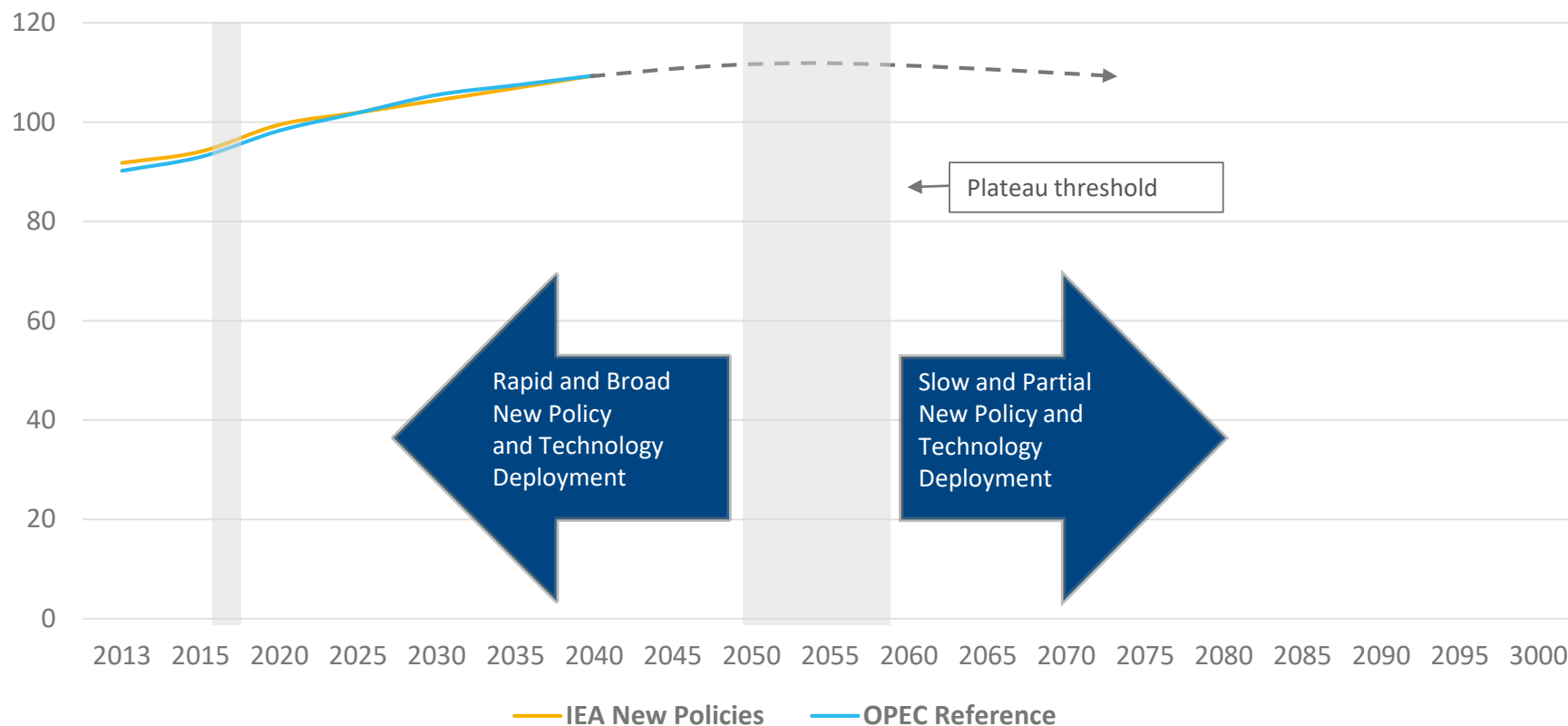
Based on extrapolation of 2016 IEA, OPEC Long-Term Projections

# Policy and Technology Cooperation

Depth and breath of new policy and technology deployment is key

Mb/d

## Indicative Extra Long-term Projections



Based on extrapolation of 2016 IEA, OPEC Long-Term Projections

# 2017

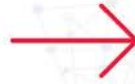
## Proposals:

**Strengthen JODI**



**Transparency  
+ Information**

**Full use of IEF Platform**



**Dialogue  
& Cooperation**

**Action on new trend**



**Green, Low Carbon,  
Efficient, Sustainable**



# Opportunities for Dialogue

1. **7<sup>th</sup> Asian Ministerial Energy Roundtable - Global Energy Markets in Transition: From Vision to Action** 1-3 November 2017 | Bangkok, Thailand
2. **16<sup>th</sup> IEF Ministerial Energy Forum** 10-12 April 2018 New Delhi, India





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Through Dialogue

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**ENERGY  
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