



Presentation from  
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Week in Stockholm**

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# A vision for water in the oil and gas sector

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1 September 2016



# ■ Introduction

## Structure

**Purpose:** *Present a high-level overview of the IPIECA 2030 water vision for water management in the oil and gas sector and seek input and explore the shared risks and opportunities of water management.*

- IPIECA Overview
- Water Working Group
- IPIECA's Water Visioning
  - The Process
  - The Scenarios
  - Potential Future Focus Areas
  - The Learnings and Reflections
- Panellist Perspectives
- Facilitated Panellist Discussion
- Q&A
- Final thoughts



# ■ IPIECA Overview

- IPIECA Vision: *An oil and gas industry that successfully improves its operations and products to meet society's expectations for environmental and social performance.*
- Global oil and gas association for environmental and social issues
- Formed in 1974 following the launch of UNEP
- The only global association involving both the upstream and downstream oil and gas industry
- Membership covers over half of the world's oil production



# ■ IPIECA members

## Corporate members



## Association members



# ■ IPIECA's Strategic Themes

## CLIMATE & ENERGY

Oil and gas industry's role in meeting the world's growing energy needs and addressing climate change risks



## ENVIRONMENT

Oil and gas industry responding to environmental challenges through risk management and innovation



## SOCIAL

Maximising the oil and gas industry's contribution to social and economic development





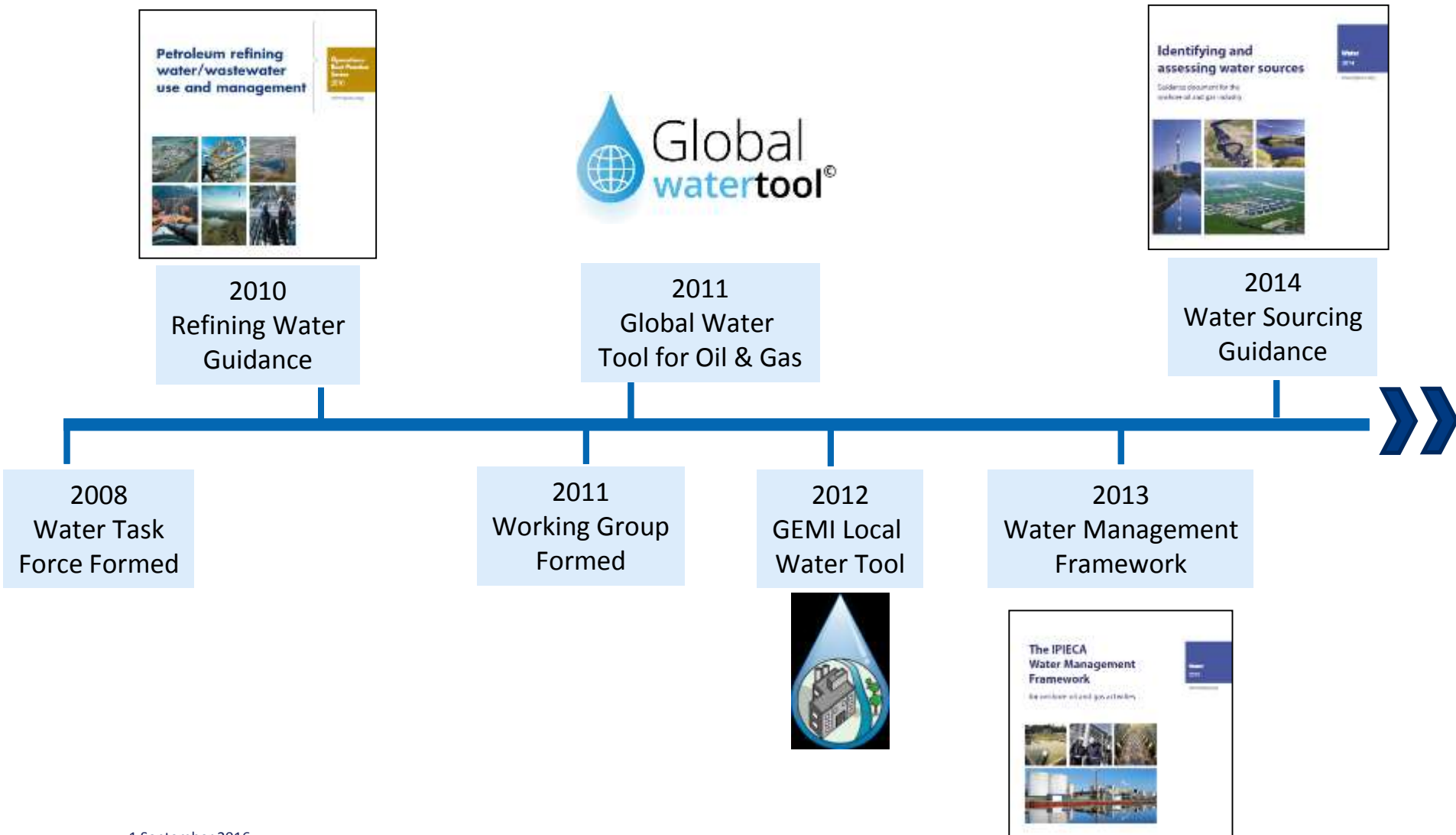
# Water Working Group

1 September 2016



# Water Working Group

## Timeline 2008-2014





# Water Working Group

Timeline 2014- onwards



2014  
Review of  
Risk Tools



2015  
V2 Global Water  
Tool for Oil & Gas



2015/16  
2030 Visioning



2016  
Shale Development  
Briefing (in development)

2014  
Efficiency  
Guidance



2015  
Sustainability  
Reporting



2016  
Risk E-learning  
Training



2016  
Water Valuation  
(members only)





# IPIECA's Water Visioning

1 September 2016



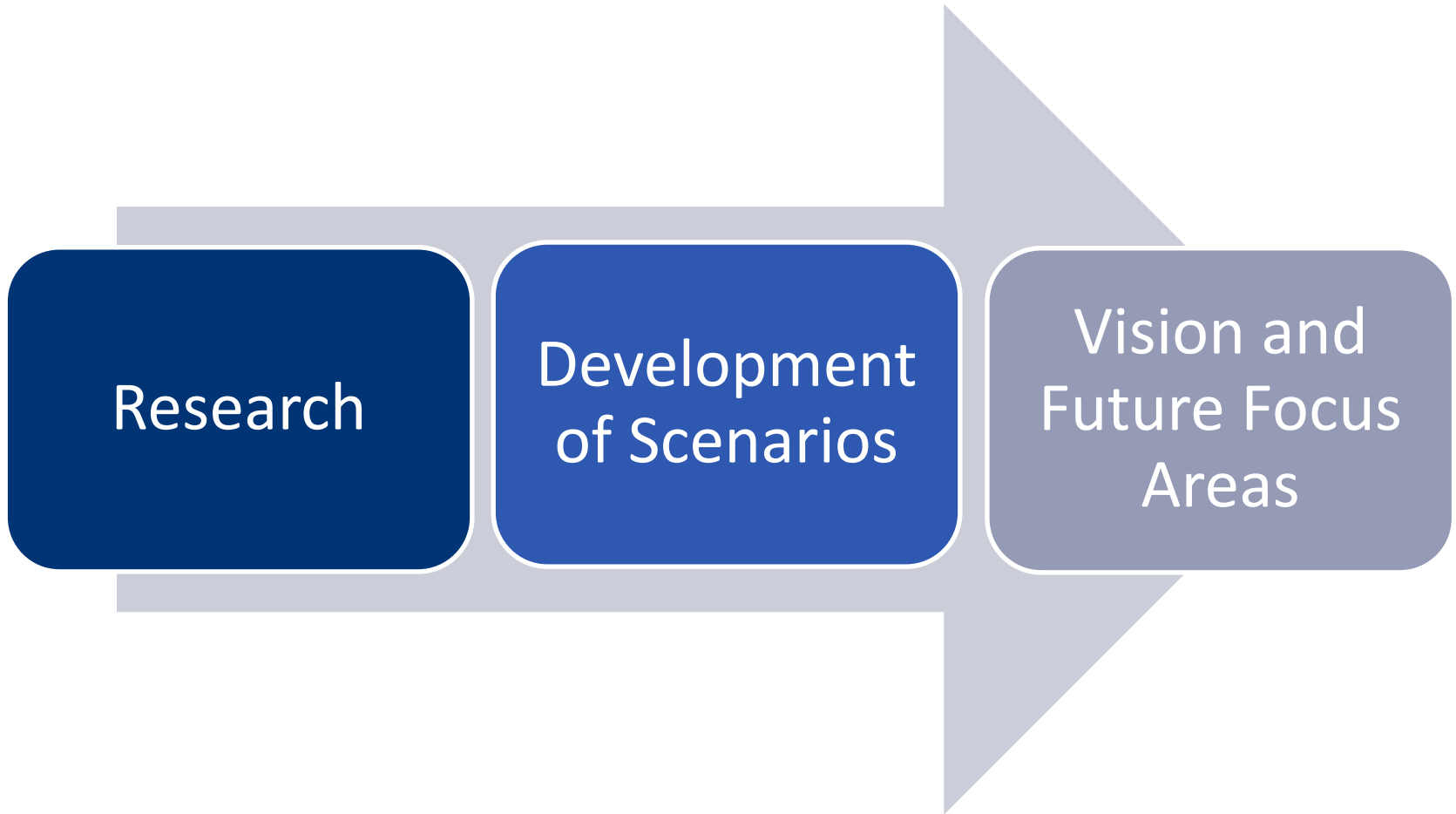
# ■ IPIECA's Water Visioning

**Aim:** What did we hope to achieve?

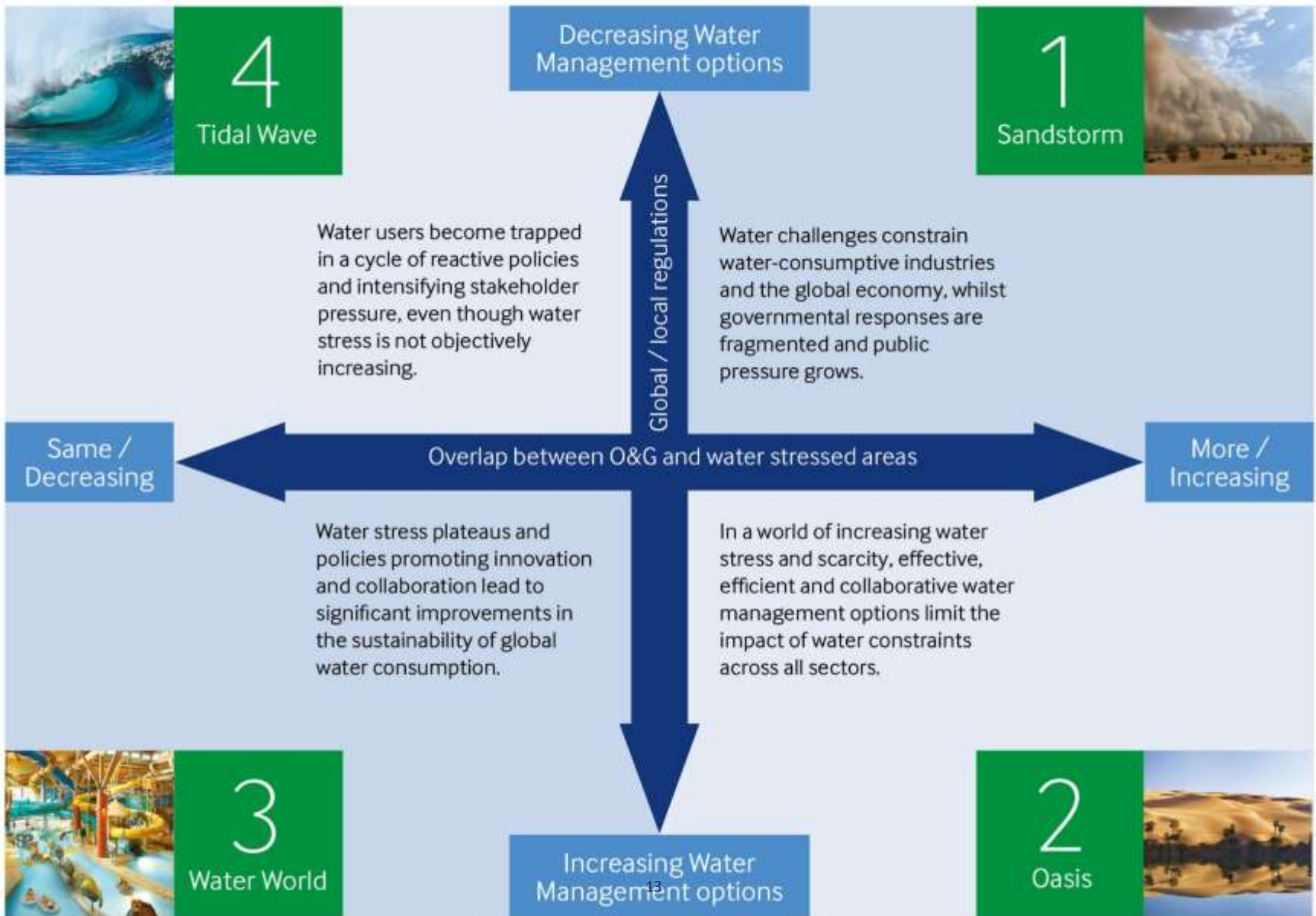
*Implement a structured, scenario based process to build a long term vision (to 2030) for water management in the oil and gas sector, supported by long term themes for IPIECA to act on.*

- The process will help develop IPIECA's longer term approach to water.
- It will also raise awareness of the future challenges that could emerge by 2030.

- IPIECA's Water Visioning  
Process



# IPIECA's Water Scenarios



# ■ IPIECA's Water Visioning

Looking to the future

## The revised IPIECA Water Goal

*“Recognised leader in water management for the oil and gas industry, delivering proactive and collaborative approaches to meet existing and future challenges in the availability and quality of this valuable resource.”*



# ■ Future focus areas for IPIECA

Arising from scenarios and visioning



**Stakeholder engagement and partnerships**



**Tracking policy and regulatory trends**



**Climate change adaptation and resilience**



**Industry seen as 'part of the solution'**



**Enhanced reporting and disclosure**



**Technology and innovation**



**Water price and value**



**IPIECA to provide more regional/local scale perspective**

# ■ Lessons learnt and Reflections

## Key Messages

A number of clear take-away messages emerged from the visioning exercise:

- The new water vision will guide longer-term planning.
- Water is both regional and cross-cutting in nature.
- Water quality and quantity issues are immediate and climate change impacts are longer term.
- Water is a timely issue now evidenced by the UN SDGs.
- IPIECA has role to play in leading the industry.
- Evolution from a focus on risk → risks & opportunity management.
- An enabling regulatory environment is key to supporting industry's role as responsible water managers.



# ■ Conclusions

- Between now and 2030, the environmental, geo-political, and regulatory landscape will continue to evolve.
- Changes will differ in location, scale and timeframes.
- The Scenarios and Future Focus Areas will help IPIECA plan for the future, enabling responsible and sustainable use of water in oil and gas operations.





## ■ Panellist perspectives

### 5-10mins perspectives from:

- *Nadja Kunz (IFC)*
- *Joppe Kramwinckel (WBCSD)*



- Final thoughts and messages

