IEA Gas and Oil Technologies Implementing Agreement

IOGCC
Point Clear Alabama
May 20, 2013

Paul Doucette, GE O&G
Operating Agent

INTERNATIONAL ENERGY AGENCY
Working Party for Fossil Fuels, WPFF

International Energy Agency

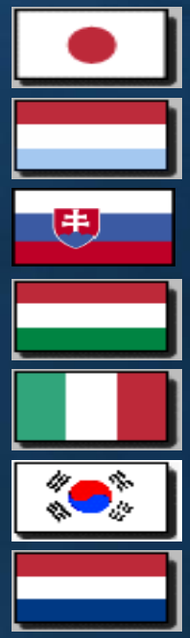
Created in 1973; currently 28 Members

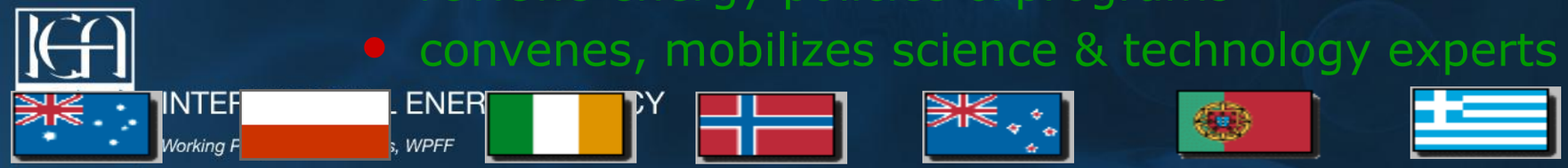
Goals:

- energy security
- environmental protection
- economic growth

Activities:

- co-ordinates efforts to ensure energy security
- compiles energy statistics
- conducts policy analysis
- reviews energy policies & programs
- convenes, mobilizes science & technology experts





GOT IA in IEA

Chairman
Mr. Jostein Dahl Karlsen
Norway

Vice-Chairman

(Vacant)

Vice-Chairman
Dr. Hubert H. Hoewener ,
Germany

Vice-Chairman
Open

Secretary
Dr. Keith Burnard

IEA Governing Board

Committee on Energy Research and Technology (CERT)

Working Party on Fossil Fuels

Working Party on Renewable Energy Technologies

Working Party on Energy End-Use Technologies

Fusion Power Coordinating Committee

International Technology Collaboration (Implementing Agreements, IAs)

Clean Coal Sciences

Clean Coal Centre

Enhanced Oil Recovery

Fluidised Bed Conversion of Fuels

GHG R&D Program

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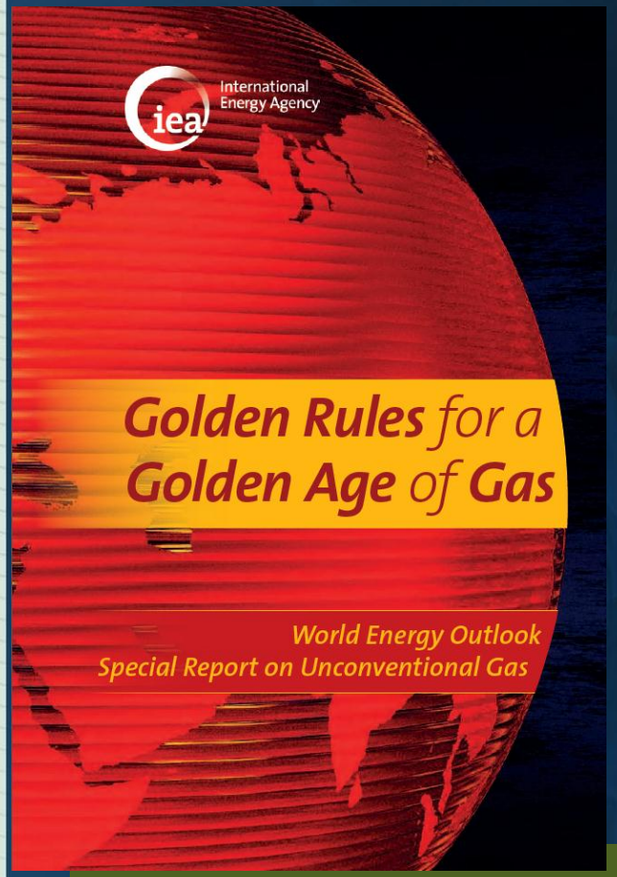
Oil and Gas Implementing Agreement

IEA Gas and Oil Technologies Implementing Agreement GOTIA.

Golden Rules for a Golden Age Require Efficient Technologies



Golden Age

- accelerate investments

OGT Technologies

– accelerate deployment

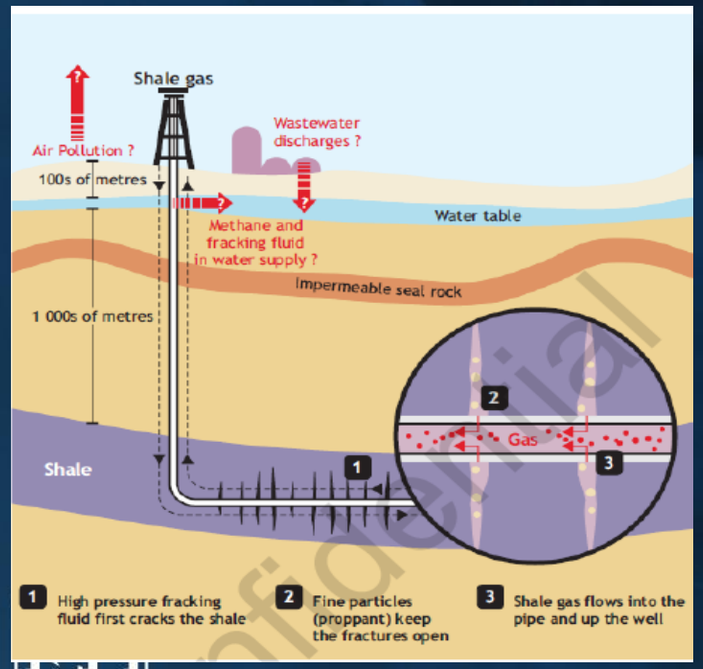
Golden Rules

- accelerate innovation

Technology & Environmental Risks

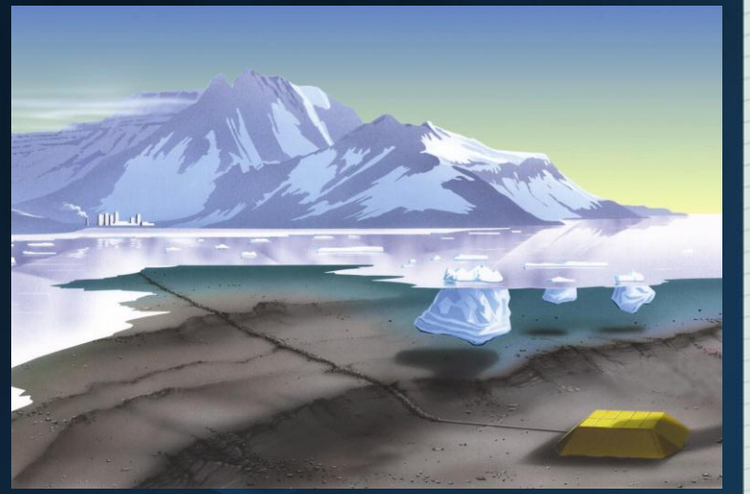
---------- E & P activities & ”Licence to Operate” ----------

Unconventional HC exploitation



Post Macondo/Montara

Pristine/Arctic



Confidential

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GOT IA
GE O&G as the Operating Agent

INTERNATIONAL ENERGY AGENCY

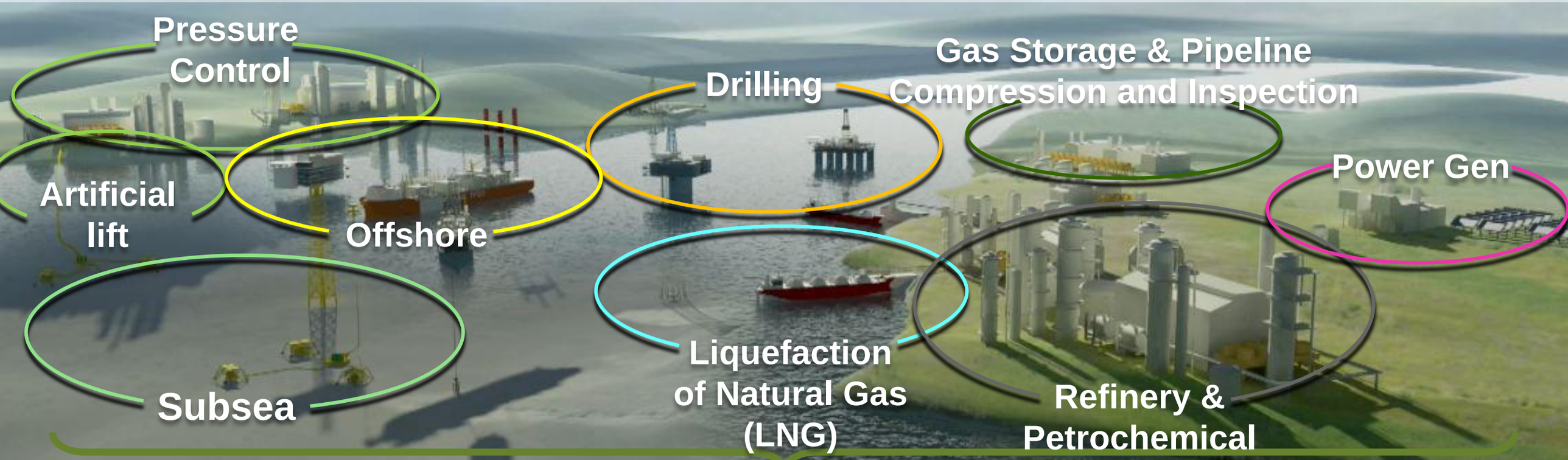
Working Party for Fossil Fuels, WPFF

GE Oil & Gas technology for conventional and unconventional development

Operating in **100+** countries

37,000+ employees

Revenue ’12: **~$15B**



Aftermarket services & asset integrity

Announced acquisition of Lufkin and Salof in April

GE imagination at work

Source: GE Oil & Gas analysis based on Barclays, Spears, CERA, Douglas-Westwood

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GE's global research presence

1

Global Software Center
San Ramon, CA

2

AMSTC
Ann Arbor, MI

3

Global Research Headquarters
Niskayuna, NY

4

Brazil Technology Center
Rio de Janeiro, Brazil

5

Global Research Europe
Munich, Germany

6

India Technology Center
Bangalore, India

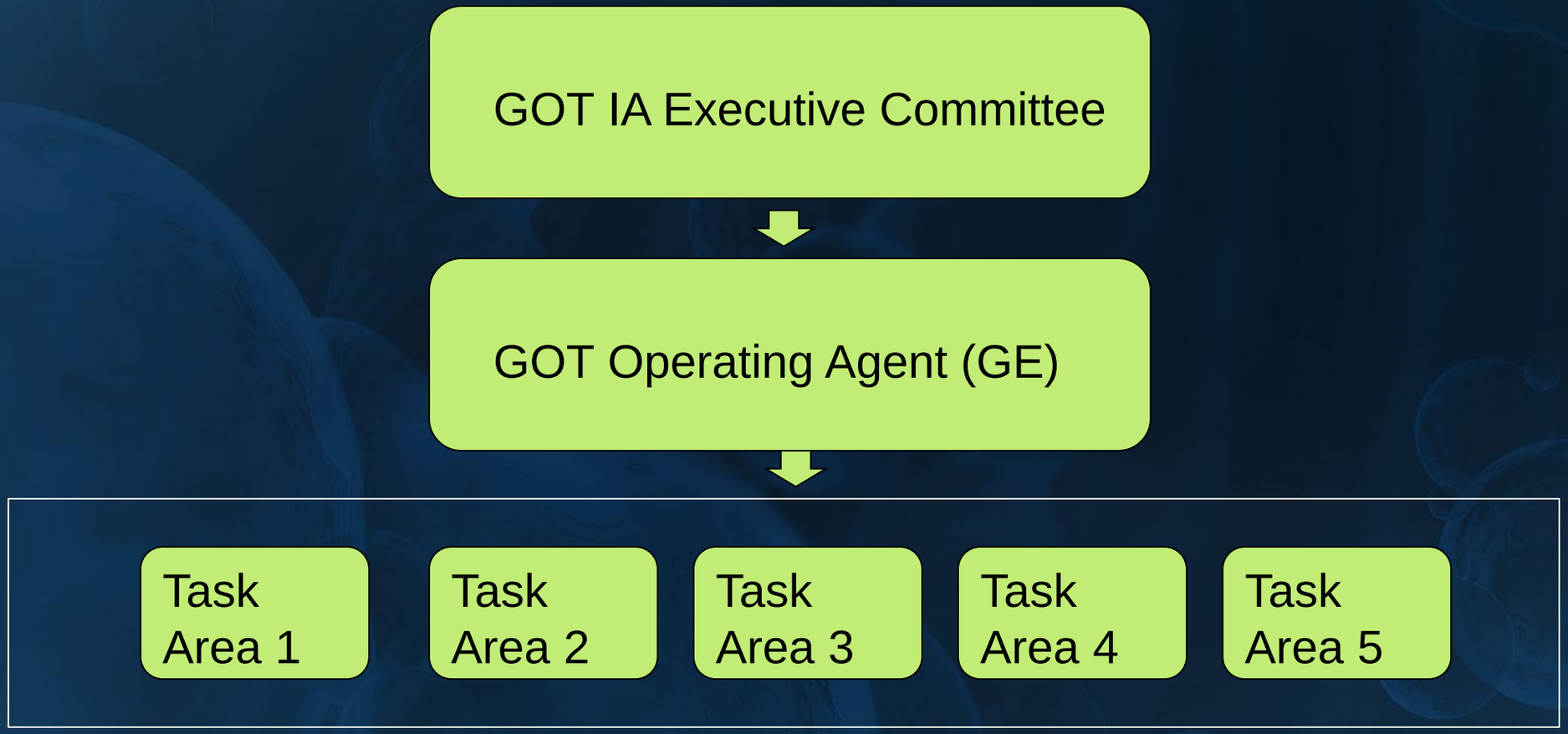
7

China Technology Center
Shanghai, China

INTERNATIONAL ENERGY AGENCY
Working Party for Fossil Fuels, WPFF

New O&G Center announced for Oklahoma City

GOT IA Organization



GOT IA Organization

IEA GOT IA EXECUTIVE COMMITTEE (ExCo)

Lead Parties,examples

Statoil

ExxonMobil

TOTAL

Chevron

Lead Parties, examples

Shell

OPERATING AGENT

Management of Tasks

Co-ordination/ facilitation of Tasks

Candidates ...

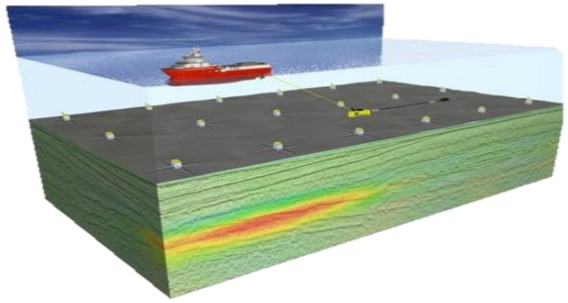
TA1
Subsurface, Enhanced Recovery, Exploration

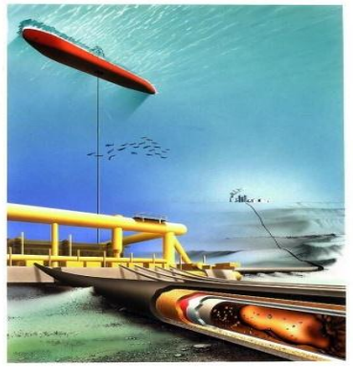
TA2
Cost Effective Drilling, Wells, Intervention

TA3
Production, Processing, Transport

TA4
Safe and Clean Hydrocarbons

TA5
Role of Technology to determine Gas in Energy Mix





Who may participate?

Participants;

Category A sponsors: Lead Party &
General Participation
Category B sponsors: General Participation

Thank you

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