



Under the Auspices of:



Technical Chamber of Greece Forum

GREECE AS SOUTHEASTERN EUROPE & EAST MED ENERGY GAS HUB

SEPTEMBER 27, 2017 TCG HEADQUARTERS - 4 Nikis Str., Syntagma, Athens

3rd Session : GAS PROJECTS INFRASTRUCTURE
OPPORTUNITIES FOR TECHNICAL SECTOR

Takis Kappos
Managing Director





ENGINEERING S.A.

Consulting Engineering

25 years of
experience

► Provision of **Project Management, Design & Engineering and Construction Management and Supervision** in a wide range of projects.

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85% qualified engineers

Leading Engineering Consulting Company in South East Europe.

Highly Specialized in Energy Projects



OIL & GAS
PIPELINES



POWER
GENERATION
& DISTRIBUTION



LIQUID FUEL
STORAGE &
LOADING FACILITIES



PETROLEUM
REFINERIES



LNG
TERMINALS

Life-Phases of the Development of the Gas Infrastructure in Greece



GR 1990s

1st Gas Life-Phase: 'Establishment'



GR 2000s

2nd Gas Life-Phase: 'Expansion'



GR 2010s

3rd Gas Life-Phase : 'Interconnection'

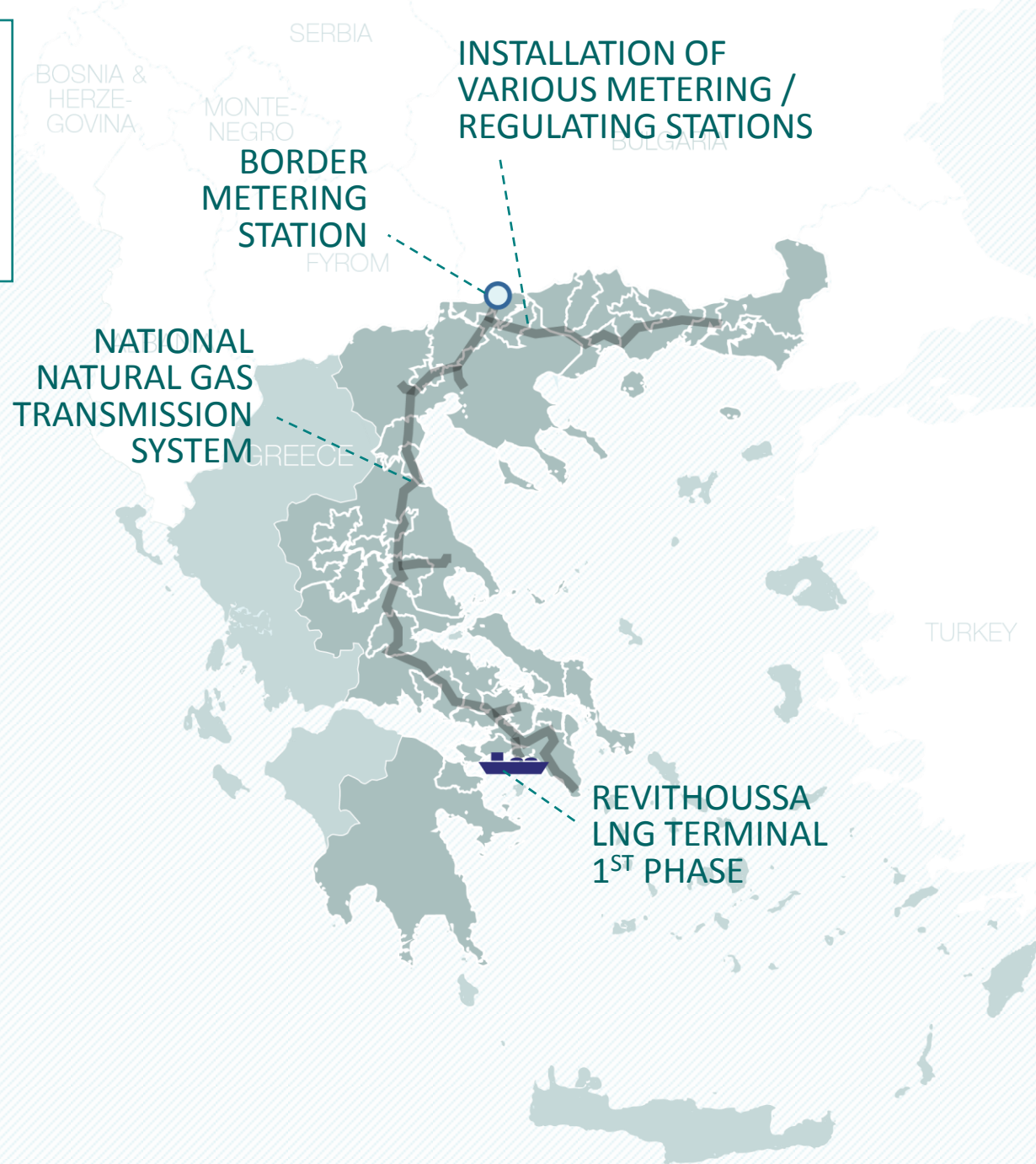


...new Gas Infrastructure Destinations

GR NGS 1990-1999

1st Gas Life-Phase

'Establishment'



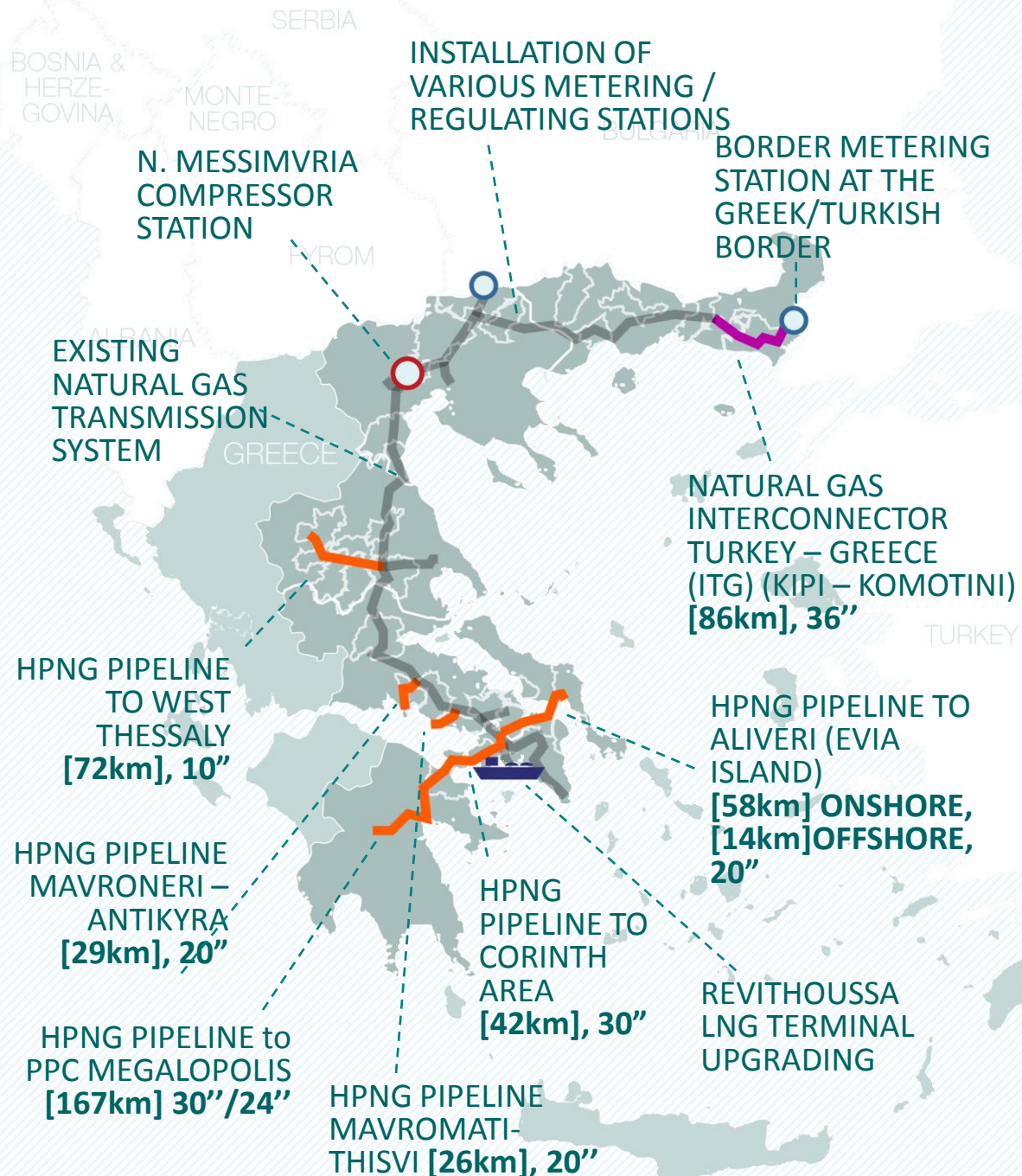
Provision of
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Services

GR NGS 2000-2009

2nd Gas Life-Phase

'Expansion'

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Management
Services

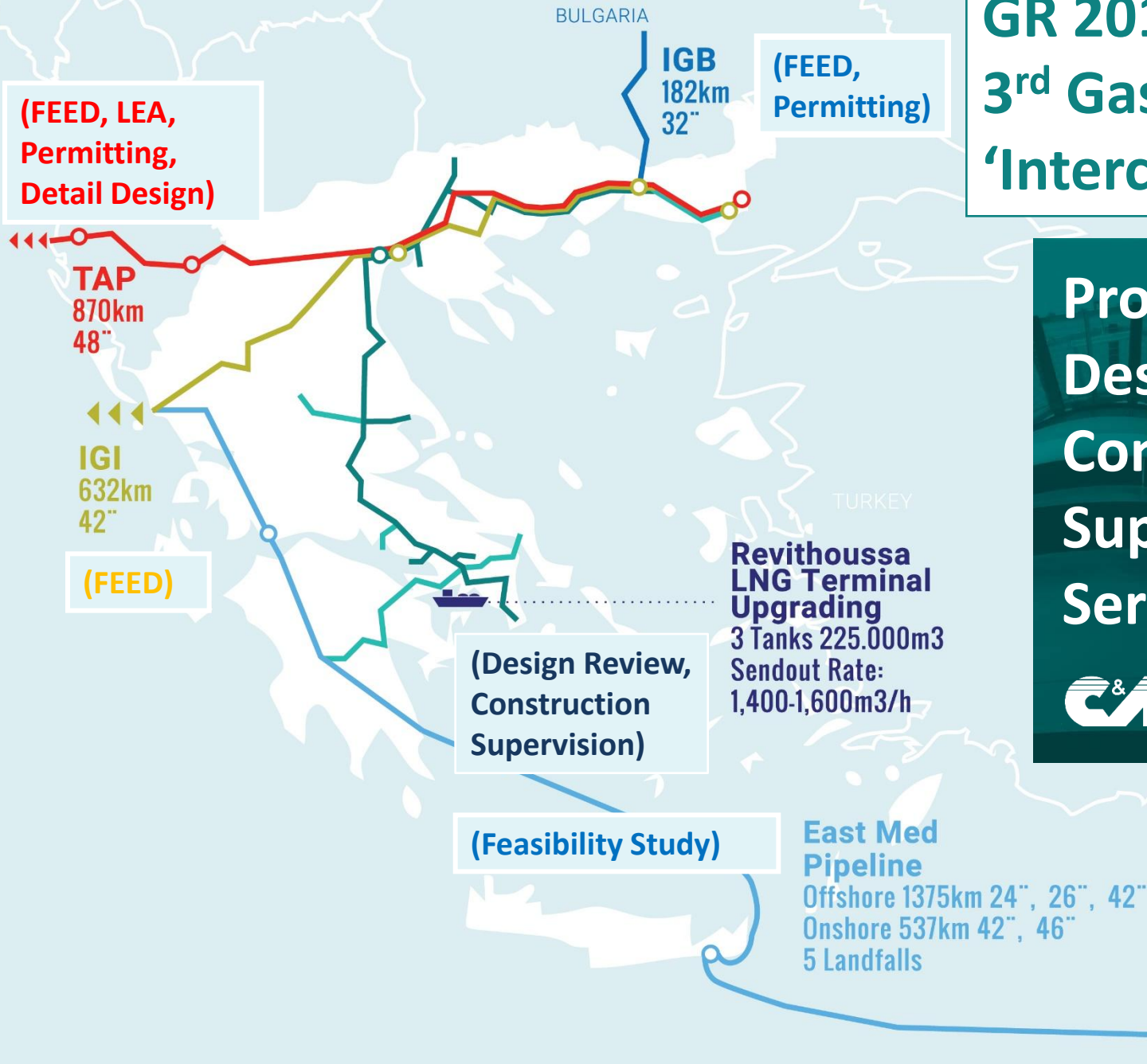


GR 2010-2019

3rd Gas Life-Phase 'Interconnection'

Provision of Design and Construction Supervision Services

C&M ENGINEERING S.A.



Design & Engineering



OIL & GAS INTERCONNECTORS



2,463km
Pipeline
[16", 32", 36", 42", 48"]

8
**Compressor
Stations**
15MW-30MW-52MW
125MW-150MW

GREEK NATURAL GAS TRANSMISSION SYSTEM



404km
**High Pressure
Pipeline**

230km
**Medium
Pressure
Pipeline**

1 **Compressors
Station**

2 **Border
Stations**

36
**Metering/
Regulating
Stations**

2100km
**Low Pressure
Network**

100km
**Medium
Pressure
Network**

55
**Metering/
Regulating
Stations**

20,000
**Internal
Natural Gas
Installations**
of Domestic
& Industrial
Consumers

GREEK NATURAL GAS DISTRIBUTION NETWORK



Design & Construction Supervision



Thank you!