



Trans Adriatic  
Pipeline

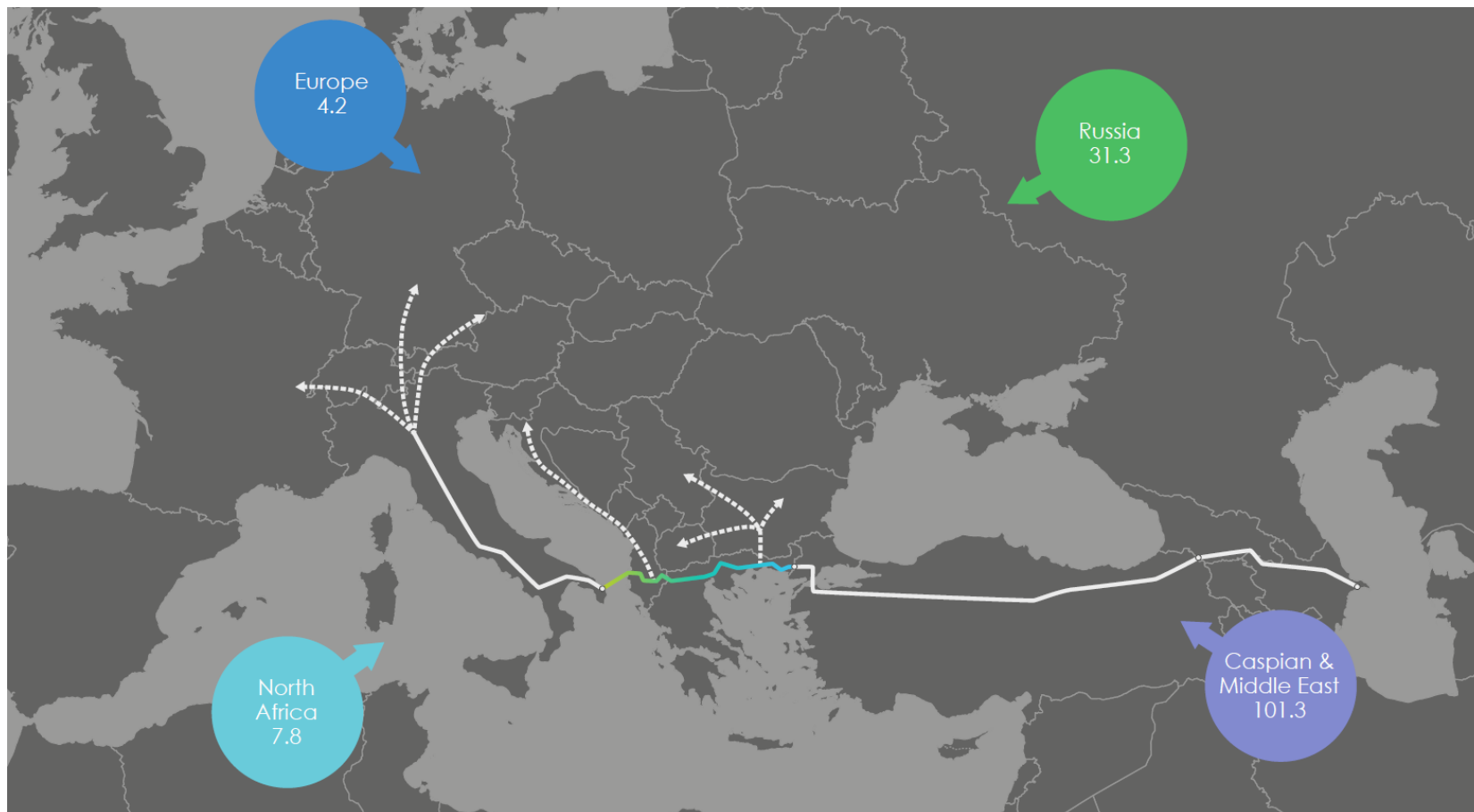
# Building TAP, the European Leg of the Southern Gas Corridor Project Update

Ian Bradshaw, Managing Director  
27 June 2017, Bern, Switzerland



# Natural gas reserves in trillion cubic metres

BP World Energy Statistical Review 2016



# TAP & the Southern Gas Corridor

3,500 km value chain - investment of approx. USD 40 bln



## TAP Shareholders





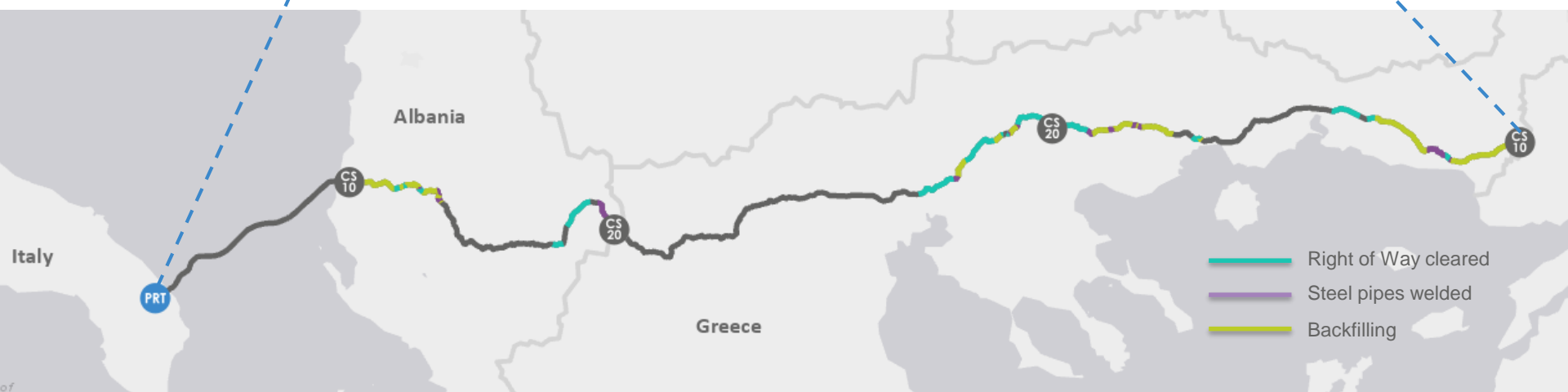
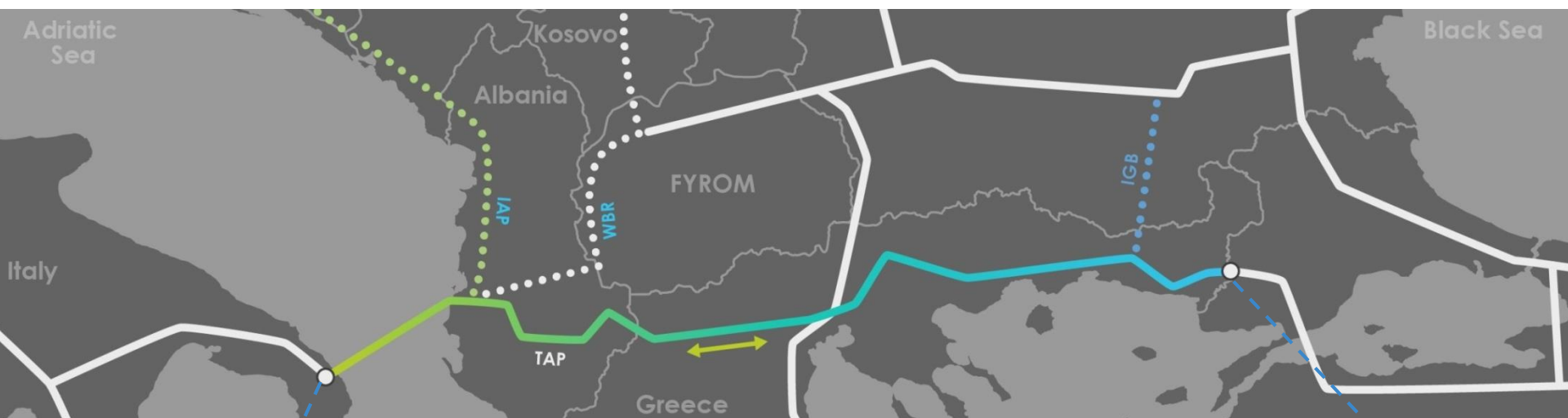
# 1<sup>st</sup> TAP Construction Anniversary



TAP Construction Inauguration Ceremony – 17 May 2016, Thessaloniki, Greece



# Overall Progress





## On time, on track & on budget

Created 5,200 jobs



Project cost released – Project on budget



Land easement & acquisition complete



Access roads & bridges upgraded



Worked 12 million man-hours safely

## TAP Progress - Video

<https://vimeo.com/205381407>

*NB: The video will be embedded as part of the final presentation*



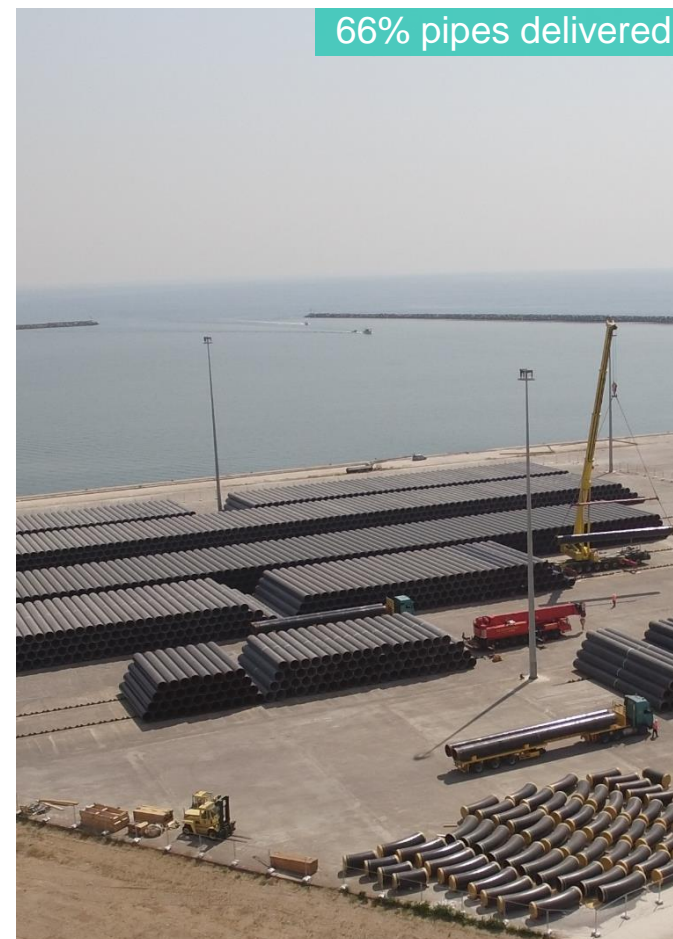
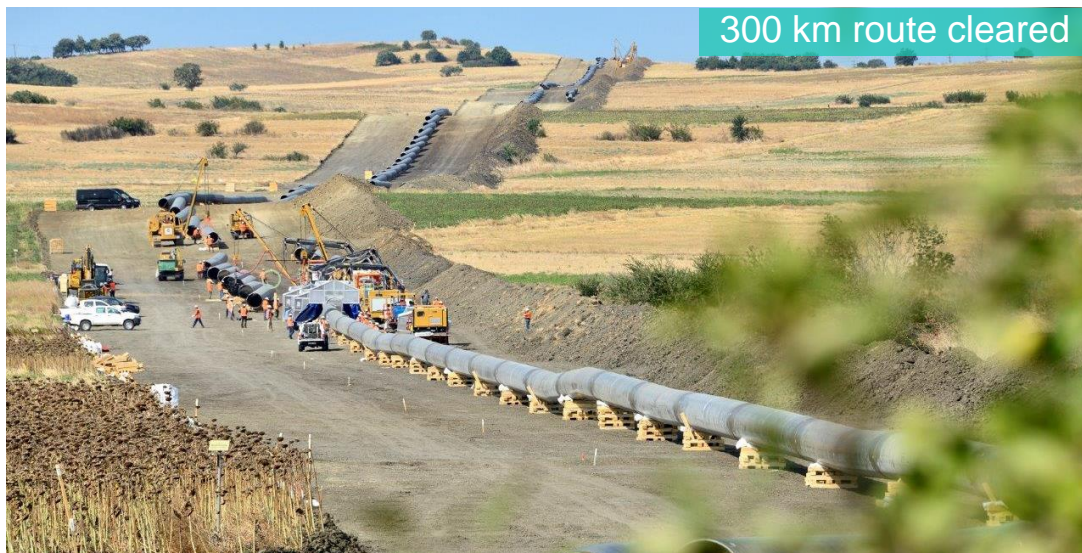
# Greece Construction

550 km

22 block  
valve  
stations

1  
compressor  
station

32,000  
line  
pipes



Risk: Impact of cultural heritage finds.



# Cultural Heritage



Working with Greek ephorates & Ministry of Culture and Tourism



600+ archaeologists employed



Careful & tailored approach



# Albania Construction

215 km

8 BVS & 1  
landfall  
station

1  
compressor  
station

13,000  
line  
pipes

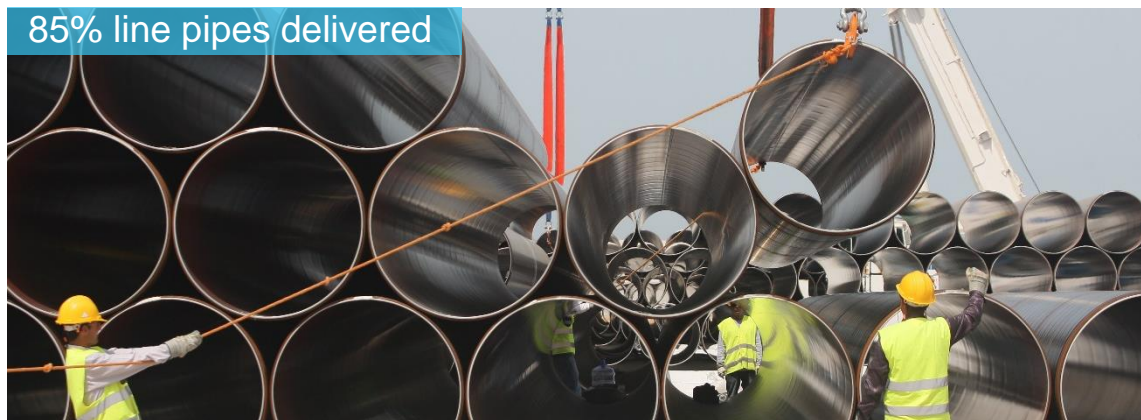
90 km welded



Roads & bridges rehabilitated



85% line pipes delivered



**Risk: Geohazards in mountainous sections.**

## Compressor Stations Progress



- ✓ The construction of the compressor stations began in the first quarter of 2017.
  - 1CS in Kipoi, Greece
  - 1CS in Fier, Albania
- ✓ The compressor stations construction will be a continuous activity over approximately two years.





# Italy Construction

8 km

1.5 km  
micro  
tunnel

1 pipeline  
receiving  
terminal

660  
line  
pipes

First pipes delivered in South Italy



Moving of olive trees



Geotechnical surveys

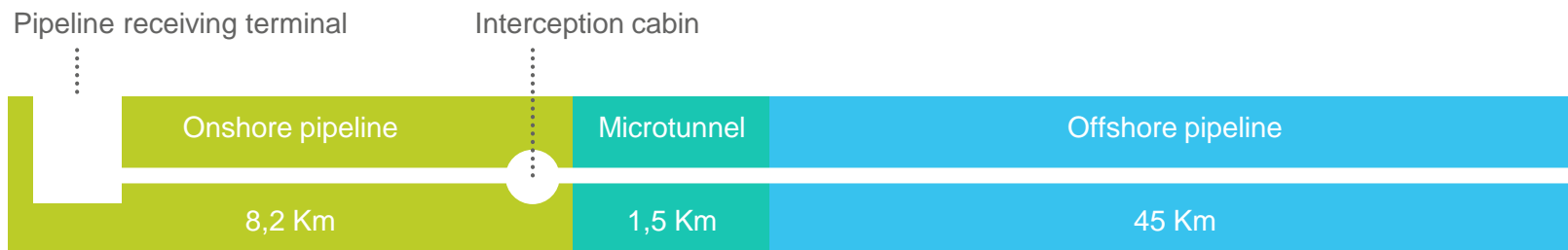
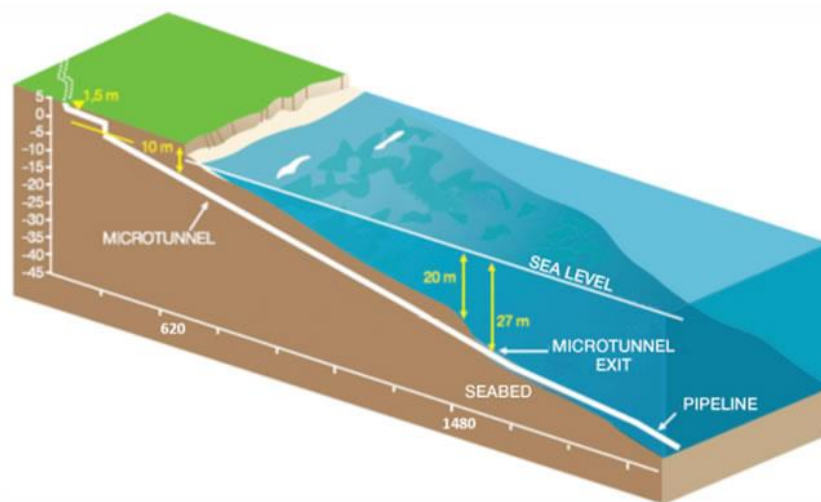


**Risk: Permitting in the Puglia Region.**

## Microtunnel solution for landfall in Italy

The landfall in Italy will be built using a microtunnel in order to avoid the impact on the beach

- 1.5 km Micro tunnel
- Exit offshore at 27 m water depth
- Avoiding Posidonia seagrass
- Invisible from the coast



## TAP Construction Stages - Video

<https://vimeo.com/188799835>

*NB: The video will be embedded as part of the final presentation*



# Social & Environmental Investment

TAP will invest over €55 million in Greece, Albania and Italy

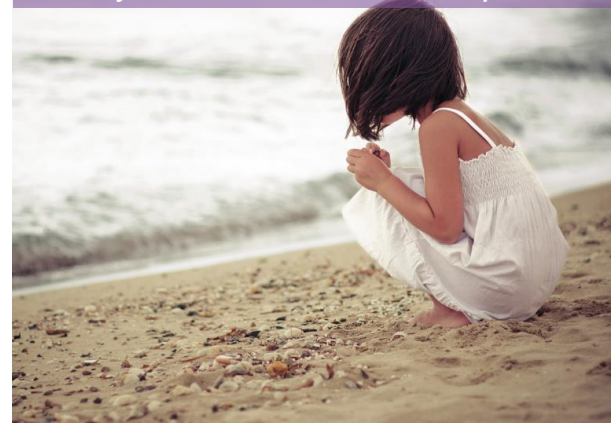
Greece: road safety seminars



Albania: renovating several schools



Italy: marine litter clean-up



Greece: fire brigade donation



Albania: upgraded Çorovoda bridge



Italy: Training for local restaurants



Overall: Positive community cooperation.

## 2017 Upcoming milestones & challenges



### Working safely

- ✓ Workforce to double, at construction peak
- ✓ Kilometers driven will increase in all countries
- ✓ Laying pipes in mountainous regions



### Construction continues

- ✓ Approx. 60% route in Greece and Albania (765km in total) graded & cleared
- ✓ Approx. 50% of welded steel pipes in the ground (backfilled)
- ✓ Construction of compressor stations began in Q2 2017

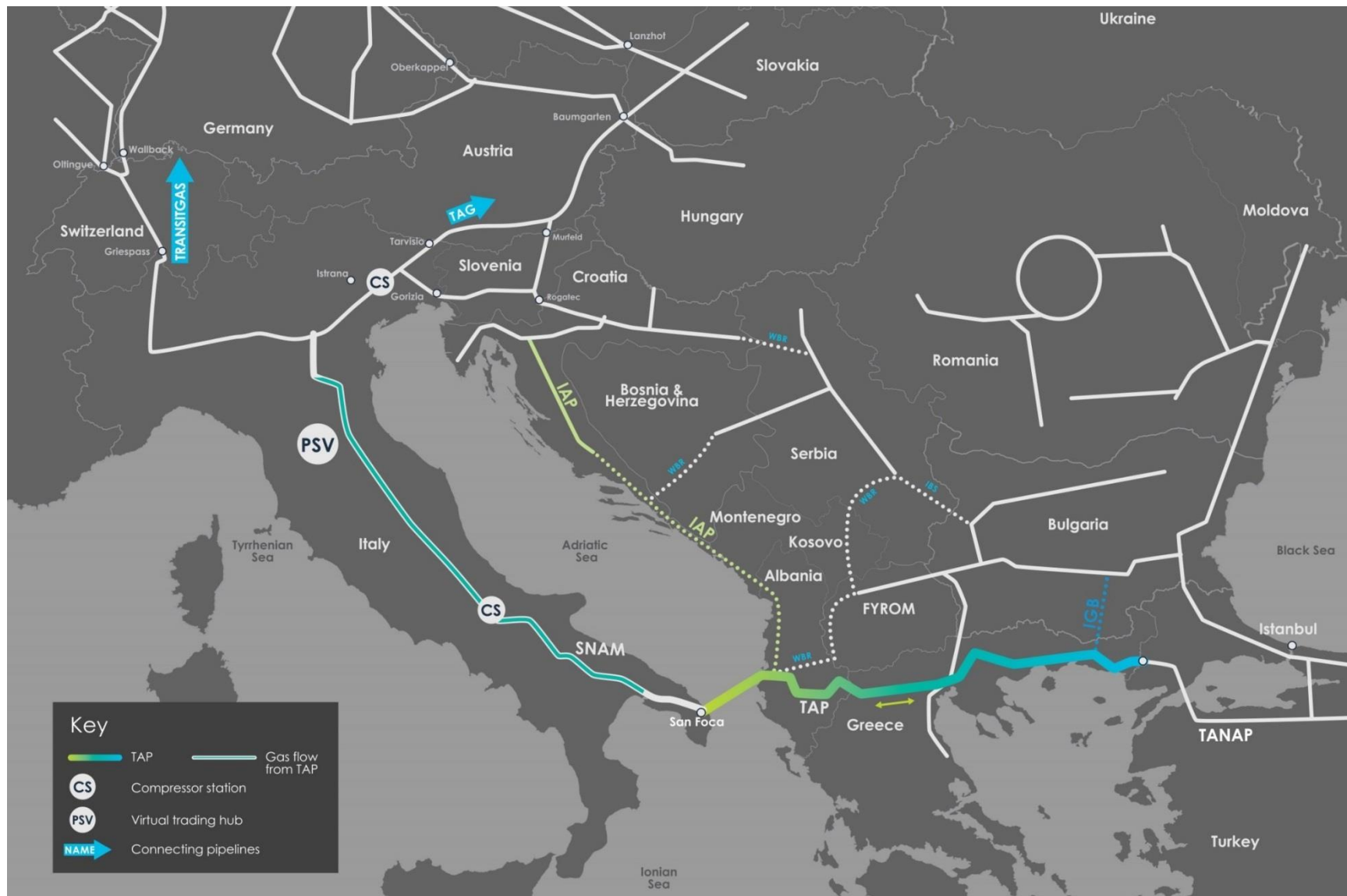


### Offshore construction

- ✓ Will take place in the 2018-2019 winter
- ✓ 105km to depths of 820m
- ✓ Saipem (EPCI contractor) has been mobilized

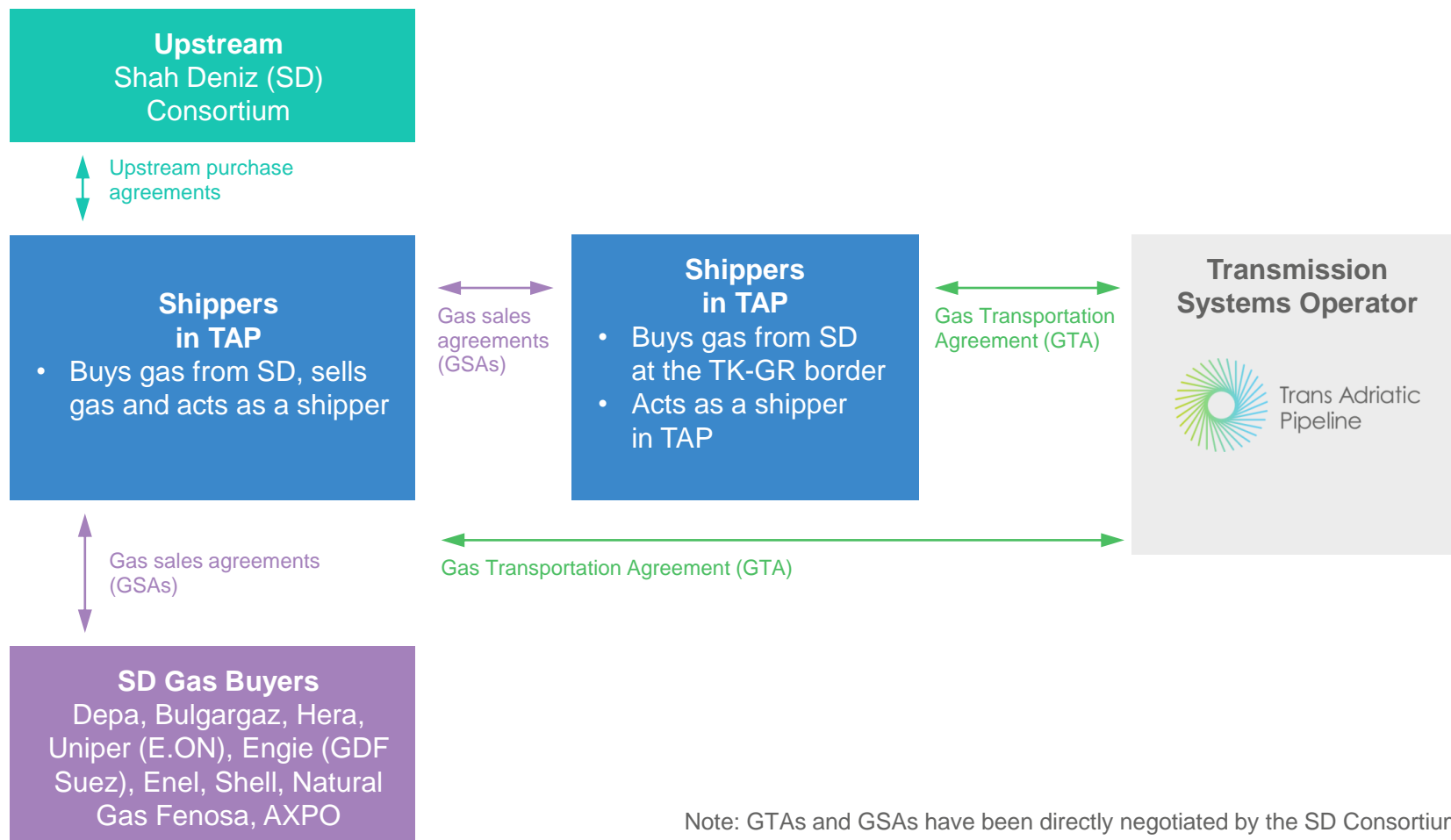


## Facilitating Connections in South East Europe and beyond...





# Commercial Framework



# Thank You!

