The subsea section of TAP will cross the Adriatic Sea in the strait of Otranto between the Albanian coast south-west of Fier and the Italian coast north of San Foca.

- Length: 105 km
- Max water depth: 812 m
- Design capacity: 20 bcm
- Outer pipe diameter: 36"
- Steel wall thickness: 20-34mm (depending on the water depth)
- Concrete coated in water depths less than 300m for mechanical protection and stability
- The offshore pipeline will be installed using S-lay installation technique

### Pipelaying Process

1. **Pre-Pipelaying Survey**
   - The pre-lay survey performed before pipeline installation confirms that no significant changes have occurred along the route since the previous survey which is done during the route planning phase.

2. **Edge bevel**
   - The double joint is bevelled to be fitted together.

3. **S-Lay**
   - As the pipeline is lowered to the seabed, it forms an “S” shape, which prevents it from being damaged during installation.

4. **Pipe Carrier Vessel**
   - Pipe carrier vessels that weigh up to 20 tonnes each and are shipped to the pipelay vessel from Brindisi.

5. **Slinger**
   - Provides support to the pipeline as it is progressively lowered on to the seabed.

6. **Crane**
   - Unloads the pipe from the carrier vessel to the pipelay vessel.

7. **Helipad**
   - Provides support to the pipeline as it is progressively lowered on to the seabed.

8. **As-laid Survey**
   - Ensures the pipeline is positioned accurately on the seabed within the agreed Project parameters.

9. **Pre-lay welding**
   - The weld is tested to ensure it is correctly positioned.

10. **Touch Down Monitoring**
    - The weld is tested to ensure it is correctly positioned.

11. **Fabrication**
    - Welding is performed in a fabrication yard using 12 metre pipe joint segments.

12. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

13. **Pipe Delivery**
    - Pipe deliveries occur regularly to maintain the 24-hour pipelay schedule.

14. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

15. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

16. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

17. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

18. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

19. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

20. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

21. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.

22. **Concrete Coated**
    - Concrete coated in water depths less than 300m for mechanical protection and stability.