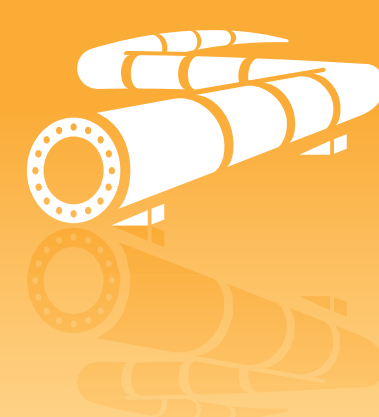


# COPEX 2014

## CONCAWE Oil Pipeline Operators Experience Exchange Seminar

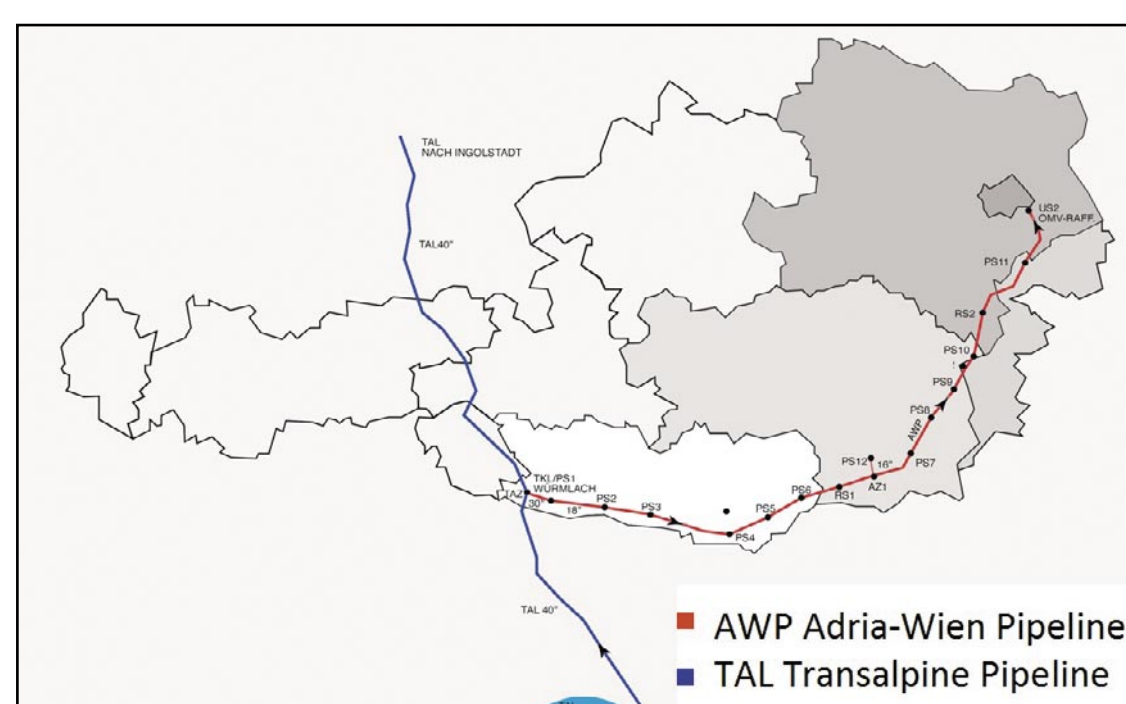
Brussels, 3–4 April 2014



## Adria-Wien Pipeline GmbH (AWP)

The Adria-Wien Pipeline GmbH is a fully consolidated subsidiary of OMV R&M GmbH. The current shareholders are: OMV R&M GmbH, BP Europe SE and ENI Austria GmbH.

Our core task is to transport Austria's entire imported crude oil safely and in harmony with the environment from the Austro-Italian border to the refinery in Schwechat. This also includes further planning and development of the pipeline systems as well as inspecting and maintaining all technical facilities.



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### Current issues

- AWP is currently renewing the pipeline's process and communication system using SIL classified and state-of-the-art technology systems. In 2014 there will be a radio relay system, IT-network and one reconditioned prototype pump station. The whole project is scheduled to finish by the end of 2017.
- Pipeline-Geographic Information System (GIS): AWP is currently creating a new GIS for their assets. It will be a complete system for the pipeline operator and contain the following main modules: right of way, information and construction management, third-party lines, technical module (pipe book, pig run, KKS), route surveying and maintenance and strip map generation. The System will be finalised at the end of 2014.
- Cracks and laminations can be a serious threat to the integrity of petroleum pipelines. To find this kind of defects AWP's 16-inch transfer line to the tank farm ELG will be inspected by an intelligent crack detection pig this year.
- Route management: in recent years AWP has started to measure the pipeline route and the coverage of the pipeline. Due to the measurements AWP has initiated a programme to re-establish the coverage of the pipe. In addition AWP has made a review programme to evaluate the geological and geo-technical situation of the pipeline route. This programme will be finished in 2014.

### Pipeline data

- Transfer pipeline: 4 km
- Main Pipeline: 416 km
- Transmission pipeline to Lannach: 14 km
- Pipeline volume: 65,000 m<sup>3</sup>
- Transport time: 2.5 days
- Pump stations: 12
- Regulating stations: 7
- Radio relay stations: 6
- 1 tank farm: 5 tanks each with 50,000 m<sup>3</sup> of crude oil



### Route characteristics

- 8 metre wide protection strip
- 8,000 properties
- 4,500 property owners
- 240 municipalities

