



“Safety and quality in natural gas pipeline systems: an indissoluble bond. The experience of TÜV AUSTRIA”

HISTORY

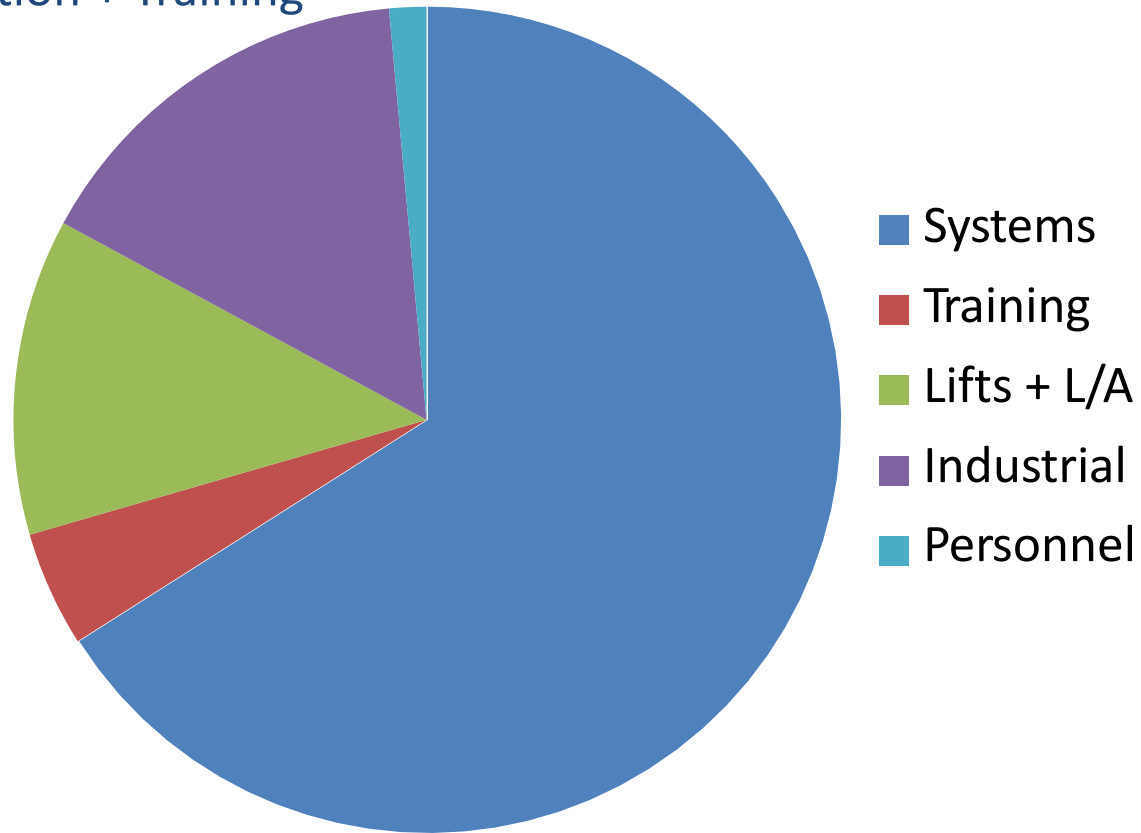
- ✓ TÜV AUSTRIA HELLAS was the 1st daughter company outside Austria, established in 1994
- ✓ Activates through its own daughter companies, branches, and / or representatives in the following countries: Cyprus, Jordan, Albania, Egypt, Qatar, Israel
- ✓ Offers services to other sister companies in Turkey & Pakistan
- ✓ Accredited by ESYD (Greek Accreditation System) against ISO/IEC 17020, ISO/IEC 17021, ISO/IEC 17024, ISO/IEC 17065
- ✓ Notified in the EU (No. 0906) for the following European Directives Regulations: 97/23 (pressure equipment), 2009/105 (simple pressure vessels), 95/16 (lifts), 2004/42 (machinery), 305/2011 (construction products)

COMPANY SIZE

- ✓ Headquarters in Athens
- ✓ Branches in Thessaloniki, Iraklion (Crete), Mitilini & Albania
- ✓ 4 Divisions

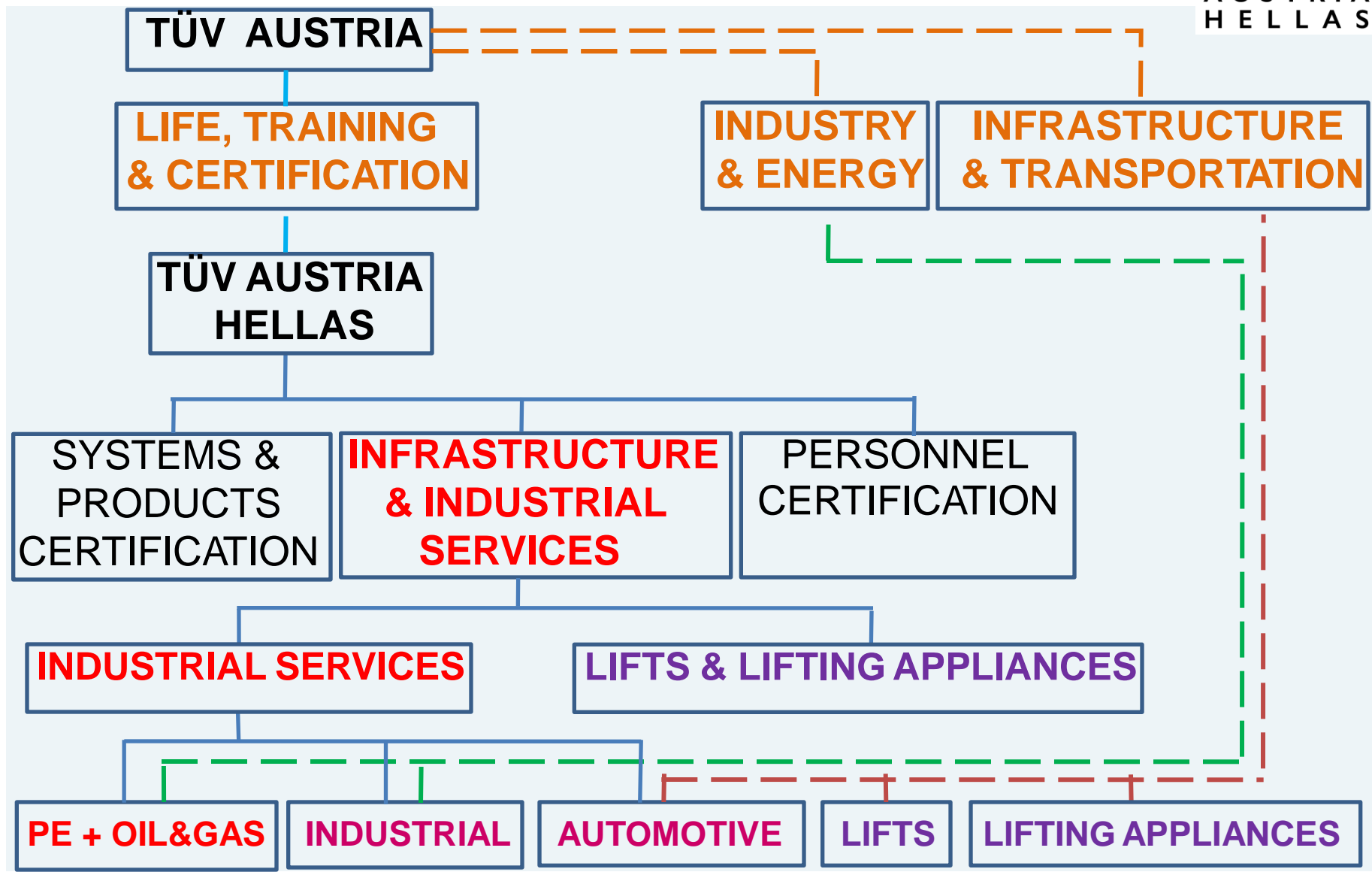
- Systems & Products Certification + Training
- Lifts & Lifting Appliances
- Industrial Services
- Personnel Certification

- ✓ Personnel:
 - 98 internal
 - 110 external





COMPANY'S STRUCTURE



EXPERIENCE IN NATURAL GAS PROJECTS (2)

- ✓ TÜV AUSTRIA HELLAS has a extensive experience in oil & gas projects as Third Party Inspection (TPI) Body, including both shop & field inspections;
- ✓ TÜV AUSTRIA HELLAS is / has been involved – as TPI – in many natural gas projects, including both shop & field inspections in low, medium and high pressure projects on behalf of the owner, but offers also other services including **RBI (Risk Based Inspection)**, HAZOP (Hazard & Operability) studies, QA/QC services etc.;
- ✓ TAP (Trans Adriatic Pipeline) AG
 - Inspection & 3.2 / EN 10204 certification of 495 km of 48” steel pipes with internal & external coating at CORINTH PIPEWORKS (shop inspection)

EXPERIENCE IN NATURAL GAS PROJECTS (2)

- DESFA (Natural Gas National System Manager) SA
 - Inspection & certification of the project “Detailed engineering, materials supply and construction of the 3rd LNG tank (95.000 m³) on Revithoussa island” (shop & field inspection)
 - Inspection & certification of the project “Detailed engineering, materials supply and construction of the 2nd upgrade of the existing cryogenic installation of the LNG terminal station on Revithoussa island” (shop & field inspection)
 - Inspection & certification of the project “Detailed engineering, materials supply and construction of the natural gas high pressure pipeline from Agioi Theodori to PPC Megalopoli” (shop & field inspection)
 - Inspection & certification of the project “Detailed engineering, materials supply and construction of the natural gas high pressure pipeline in Korinthos area (field inspection)

EXPERIENCE IN NATURAL GAS PROJECTS (3)

- DEPA (Natural Gas National System Manager) SA
 - Inspection & certification of vehicles conversion workshops (fuel to CNG powered)
 - Inspection & certification of the project “Construction of the natural gas high pressure distribution pipeline for industrial consumers in the greater Chalkida area, including the subsea section
 - Inspection & CE certification of a buses CNG re-fueling station according to the Directive 97/23/EC
 - Inspection & certification of vehicles CNG re-fueling stations
 - Inspection & Certification of M/R stations

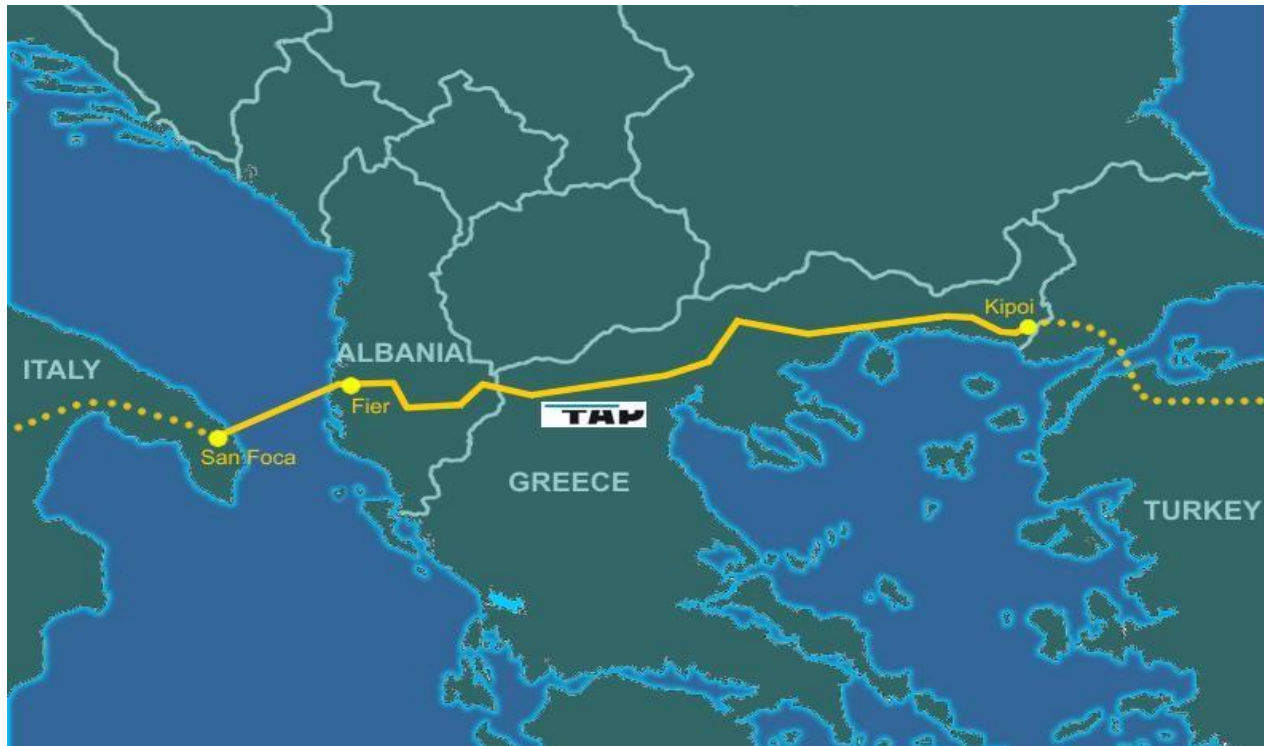
- EPA (Gas Supply Company) Attikis / Thessalonikis SA
 - Inspection & certification of natural gas distribution networks construction

WHY IS INSPECTION & CERTIFICATION USEFUL?

- ✓ For verifying that the project has been constructed according to the agreed, applicable specifications & standards, assuring therefore the expected quality and safety;
- ✓ High quality and safety assure the normal operation of the project according to the design, provided also that the prescribed preventive maintenance works will also be performed foreseen
- ✓ Corrective maintenance is minimized
- ✓ Insurance fee will be lower

CURRENT PROJECTS (1)

- ✓ TAP (Trans Adriatic Pipeline)
 - 3.2/EN 10204 certification of 495 km of 48" steel pipes with internal & external coating at CORINTH PIPEWORKS (shop inspection)



CURRENT PROJECTS (2)

- DESFA (Natural Gas National System Manager)
 - Shop & field inspection of the:
 - 3rd LNG tank (95.000 m³) construction
 - Upgrade of the existing installation on Revithoussa island



Thank you for your attention!