

Trans Adriatic Pipeline

Sustainable Solutions for
Economic Growth & Political Stability



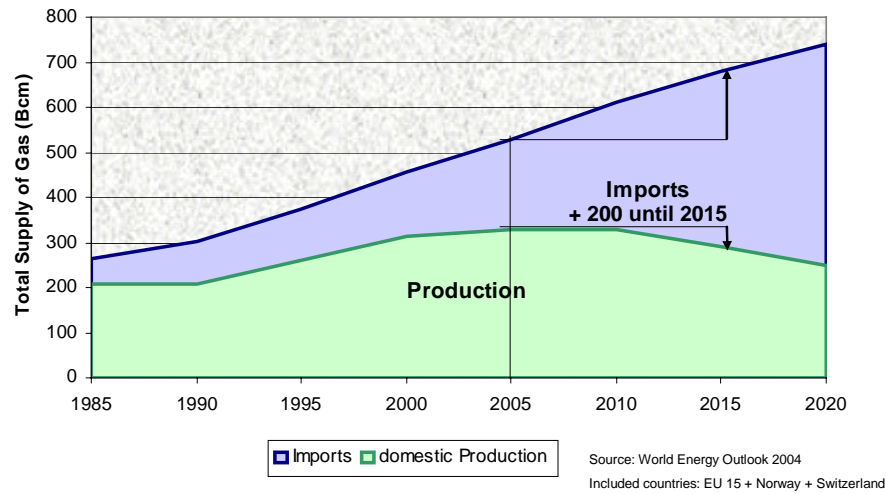
New Supply Corridor for Europe



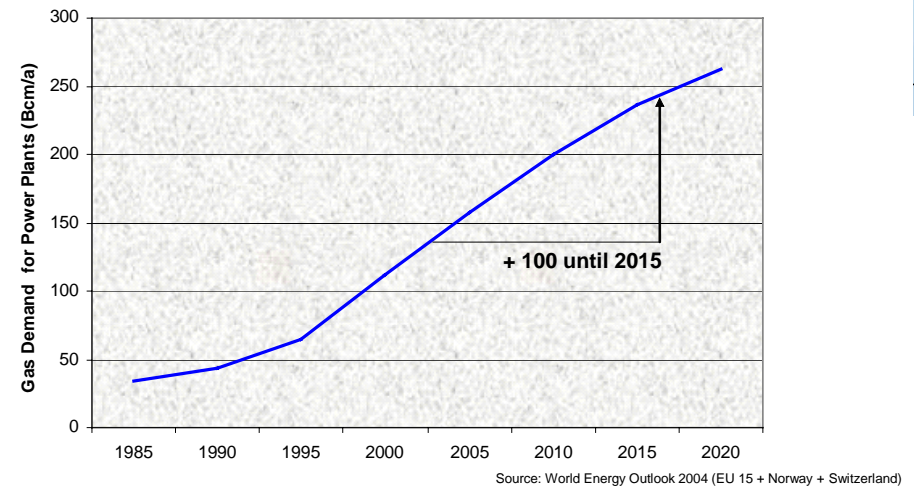
Generating Sustainable Solutions for
Economic Growth & Political Stability

TAP
Trans Adriatic Pipeline

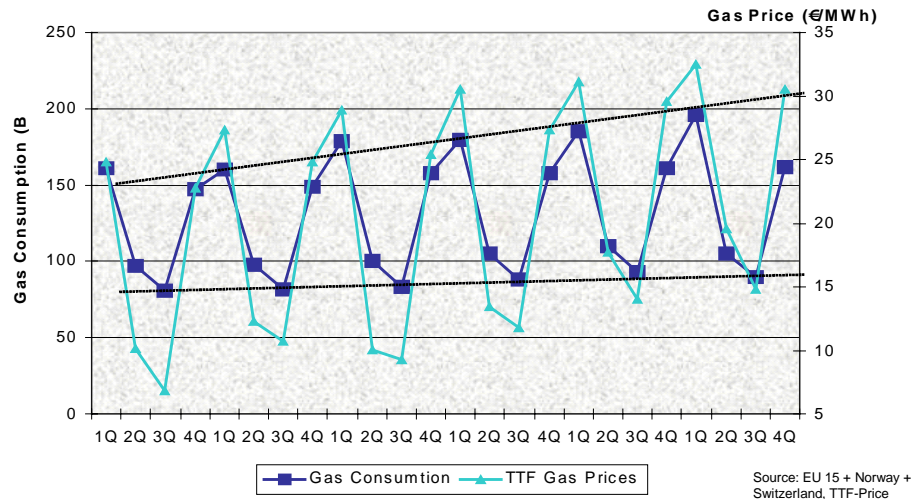
Growing Natural Gas Import Demand



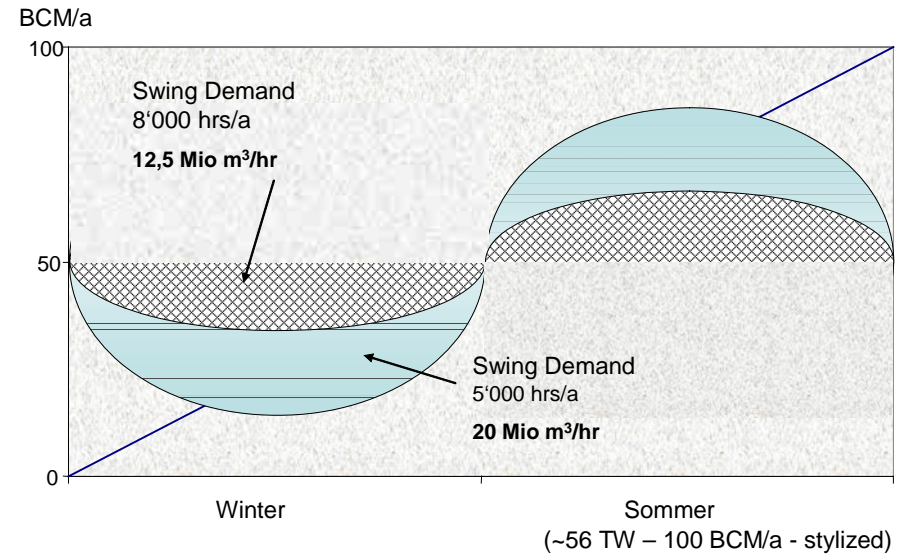
Growth in Gas-for-Power Demand in Europe



Gas Demand and Prices – Increasing Seasonal Swing (2001-2006)



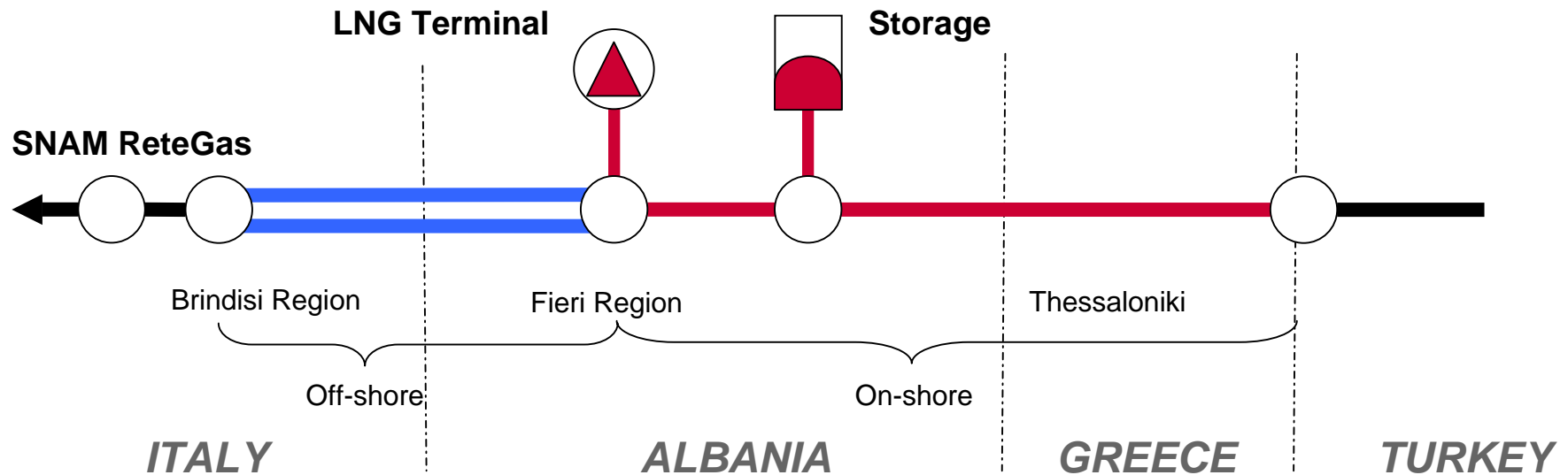
Incremental Demand for Swing from mid-merit Gas-for-Power Projects



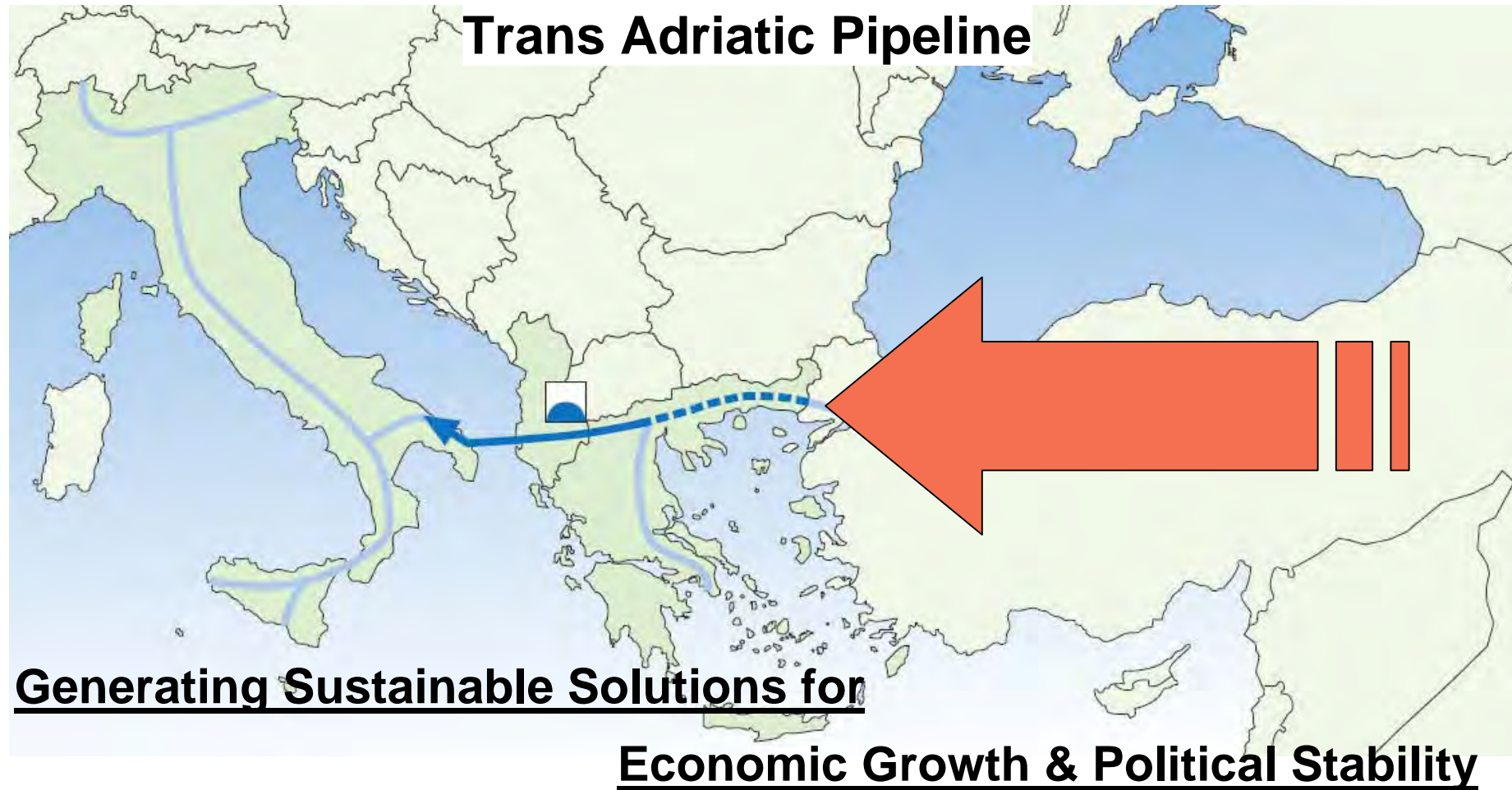
Let's Go West



Integrated Project Elements



New Supply Corridor for Europe





TAP Project Phases

Phase I Studies	Phase II Basic Engineering	Phase III Detail Engineering	Phase IV Construction	Phase V Expansion
<input checked="" type="checkbox"/> 07.'05	01.'06	03.'07 06.'08	'10 Construction Decision	
Pre-Feasibility Feasibility	Basic Engineering EIA Right of Way Prep.	Detail Engineering Authorization Right of Way Tender EPC	Compressor station Onshore Section Offshore Section Commissioning	Capacity Expansion From 10 to 20 BCM
<input checked="" type="checkbox"/> COMPLETED	<input checked="" type="checkbox"/> COMPLETED	<input checked="" type="checkbox"/> RUNNING		

Basic Engineering



 TAP ASSET S.p.A. ITALIA	TRANS ADRIATIC PIPELINE (TAP) EXTENDED BASIC ENGINEERING	 CONSULTING ENGINEERS ILF CONSULTING ENGINEERS
TAP - A594 - AC - GEN - REP - 0438 - 0		

**EXECUTIVE SUMMARY
 BASIC ENGINEERING
 15TH MARCH 2007**



Rev	Date	Reason for Issue	Prepared	Checked	Approved
0	12-Mar-07	Issue for Information	Kainz	Hertweck	Kainz

Basic Engineering

- **System Design** has been completed:
 - The pipeline shall have a diameter of 48" on-shore and 36" off-shore
 - The throughput is 10 BCM / a
 - The system is designed to be expandable to 20 BCM / a
- **EIA** is completed in accordance with **EU standards**
- Substantial **upside potential** provided by potential underground storage & LNG

TAP – Advantages and Benefits

- **Open for participation** of third parties
- Privately sponsored „open access“ pipeline
- **Technically most advanced** pipeline project in the 4th corridor to Europe
- **Most economical** pipeline route within the 4th corridor to Europe
- **Expandable** annual base capacity from 10 BCM/a to 20 BCM/a
- **Built-in flexibility concept** by adding **storage** potential in Albania
- **High political support** by the Italian, Swiss and Albanian Government
- High political support within the EU - **TEN-E „Priority Project“**

Shipper's Expectation

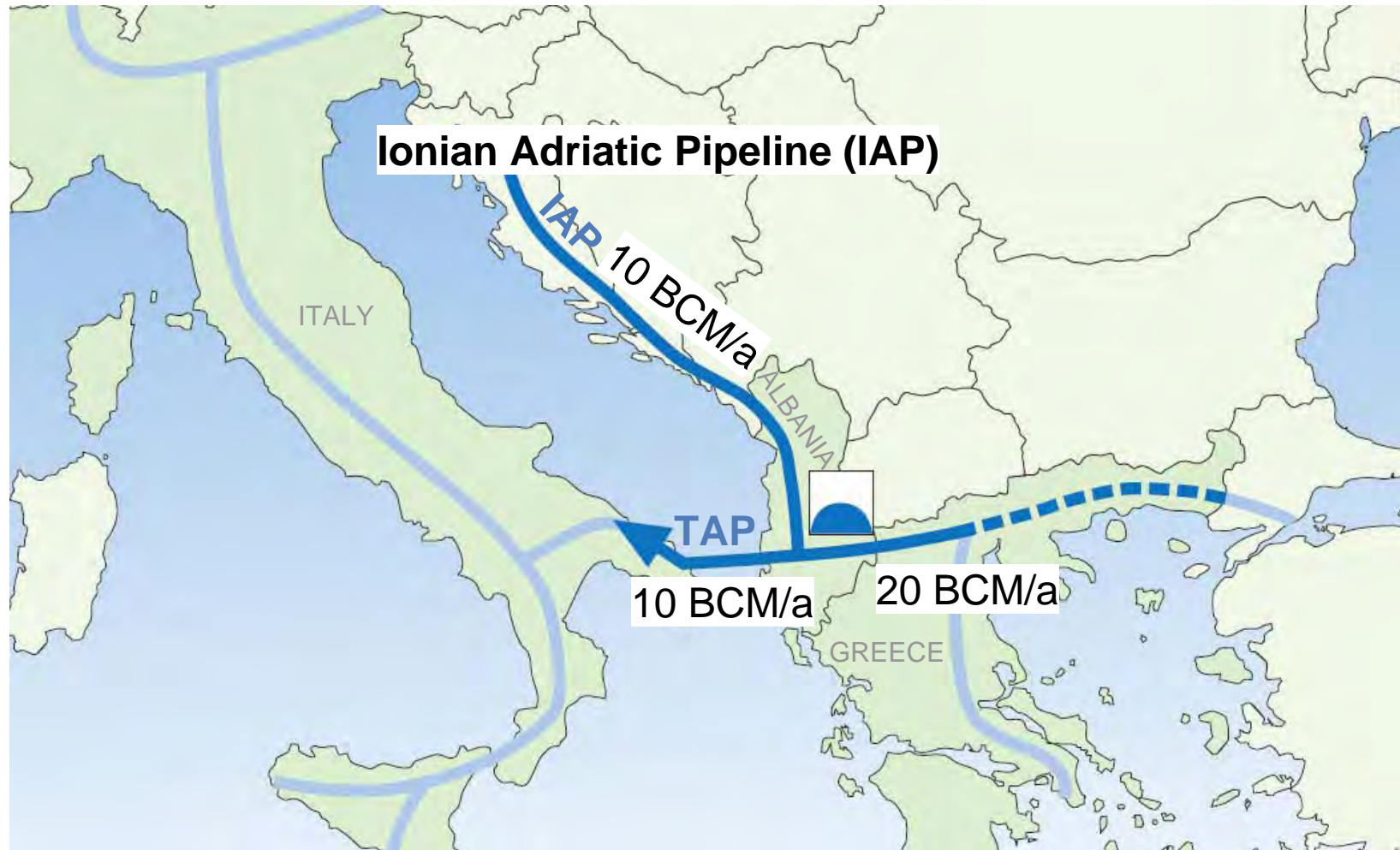
Non discriminatory transit through:

- Italy
- Albania
- Greece - secondary legislation under preparation
- Turkey - IGA's launched

TAP meets IAP

IONIAN – ADRIATIC GAS PIPELINE

TAP Phase V Expansion



TAP Pipeline – Project Phases

Trans Adriatic Pipeline

Phase I Studies	Phase II Basic Engineering	Phase III Detail Engineering	Phase IV Construction	Phase V Expansion
<input checked="" type="checkbox"/> 07.'05	01.'06	03.'07	06.'08 Construction Decision	'10

Ionian Adriatic Pipeline

Phase I Studies	Phase II Basic Engineering	Phase III Detail Engineering	Phase IV Construction
<input checked="" type="checkbox"/> 09.'07			
Pre-Feasibility Feasibility	Basic Engineering EIA Right of Way Prep.	Detail Engineering Authorization Right of Way Tender EPC	Compressor station Onshore Section Commissioning
<input checked="" type="checkbox"/> RUNNING			

<http://www.trans-adriatic-pipeline.com>

