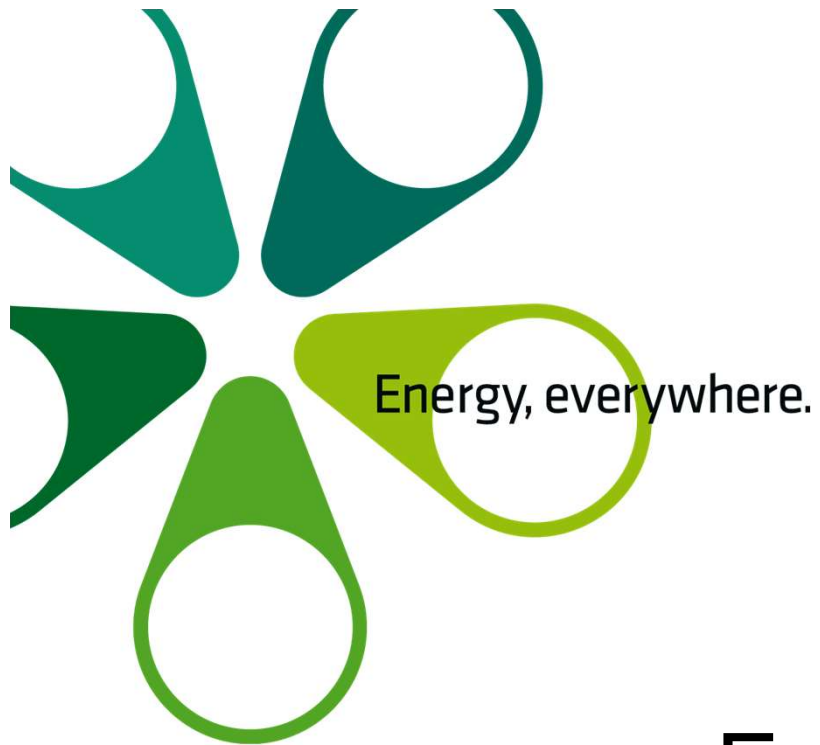


BBSPA Regional Gas and Oil Conference | Istanbul | Nov 2019

Welcome!





Evolution of the Balancing Regime in Austria

BBSPA Regional Oil and Gas Conference,
Istanbul, Nov 2019

Contents

- **Gas Connect Austria at a glance / The Austrian Gas Market**
- Evolution of the Balancing regime for Austria



Functions and responsibilities



Cross-border gas transportation



Nationwide gas transportation



Gas flow control



Pipeline system operation and maintenance



Network optimisation and development

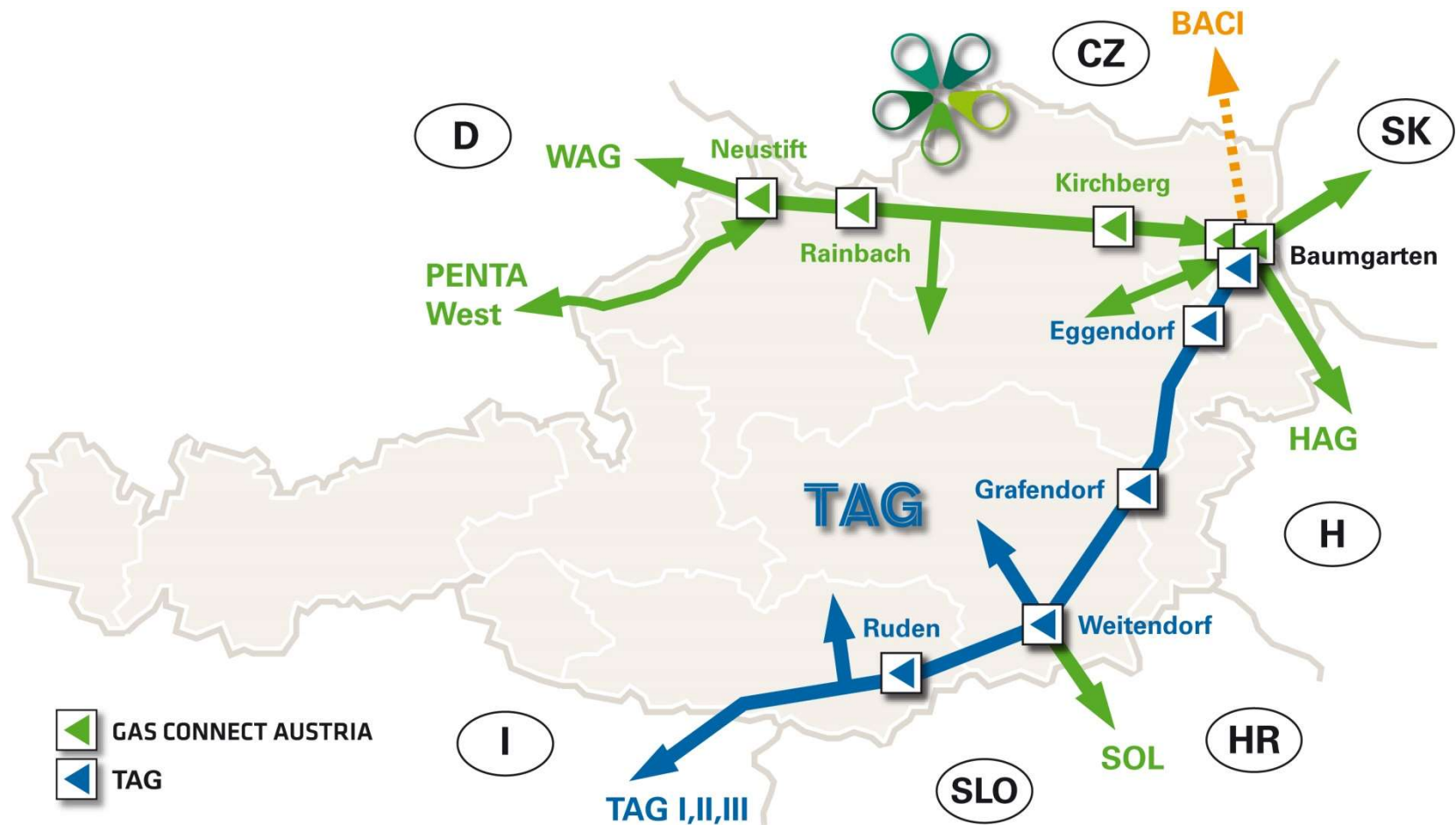


Subsidiaries / Shareholdings

Gas Connect Austria: Facts and figures

- Over 50 years' experience of gas transportation
- Operation of 900 km high pressure gas network in Austria
- Marketing of capacity at cross-border entry/exit points on the Austrian transmission grid
- Sold transport capacity 2018: 143 bn cu m
- Active membership of European organisations ENTSOE, GIE and GTE
- Employees: approx. 280
- Ownership: 51% OMV Gas & Power GmbH, 49% AS Gasinfrastruktur GmbH owned 60%/40% by Allianz and Snam
- Headquartered at the floridotower, Floridsdorfer Hauptstrasse, 1210 Vienna

Austria – a natural gas hub



Baumgarten - key national and European physical hub

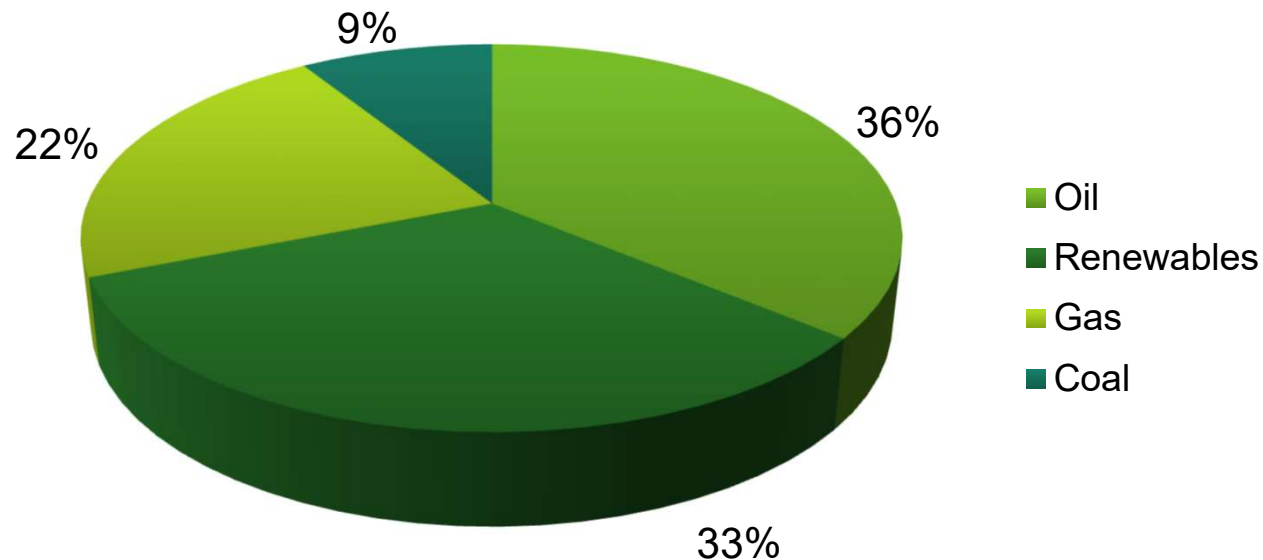


Facts & Figures

- Austria's largest reception point and main interconnection station for imports from Russia, Norway and other countries
- 3 transit systems:
West Austria Gasleitung, Hungaria Austria Gasleitung, Trans Austria Gasleitung
 - 14 compressor units
 - 50 employees
 - Commissioned in 1959
 - First gas shipment from Russia in 1968

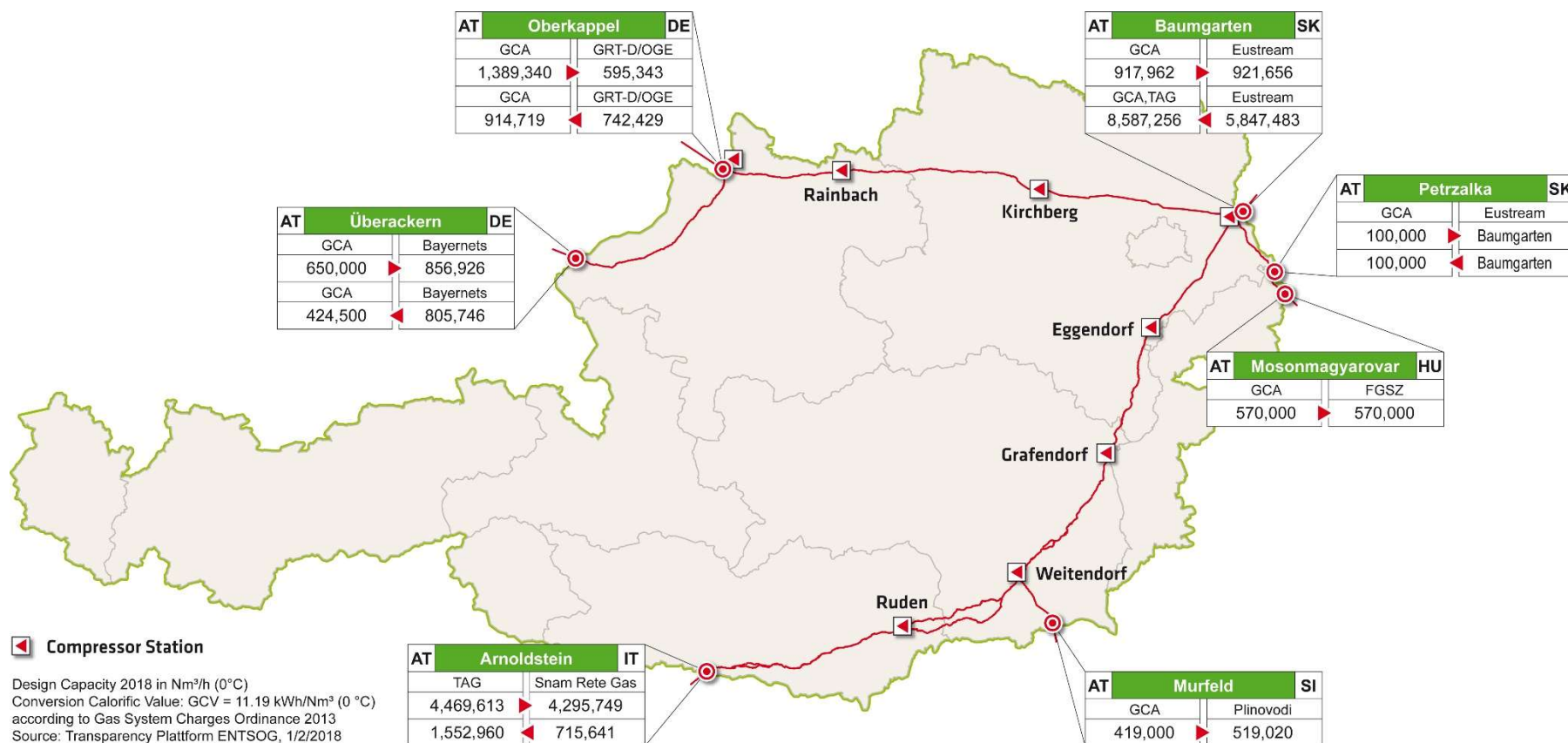
Natural gas in Austria

- Natural gas consumption in 2018: ~ 8.6 bn cu m
- Natural gas production in 2018: ~ 1.0 bn cu m
- Total storage capacity in 2018: ~ 8.5 bn cu m
- Total energy consumption in Austria 2017



Source: E-Control, FGW (Natural Gas and District Heat Association), Statistics Austria

Transit Market Austria Entry/Exit



Contents

- Gas Connect Austria at a glance / The Austrian Gas Market
- **Evolution of the Balancing regime for Austria**

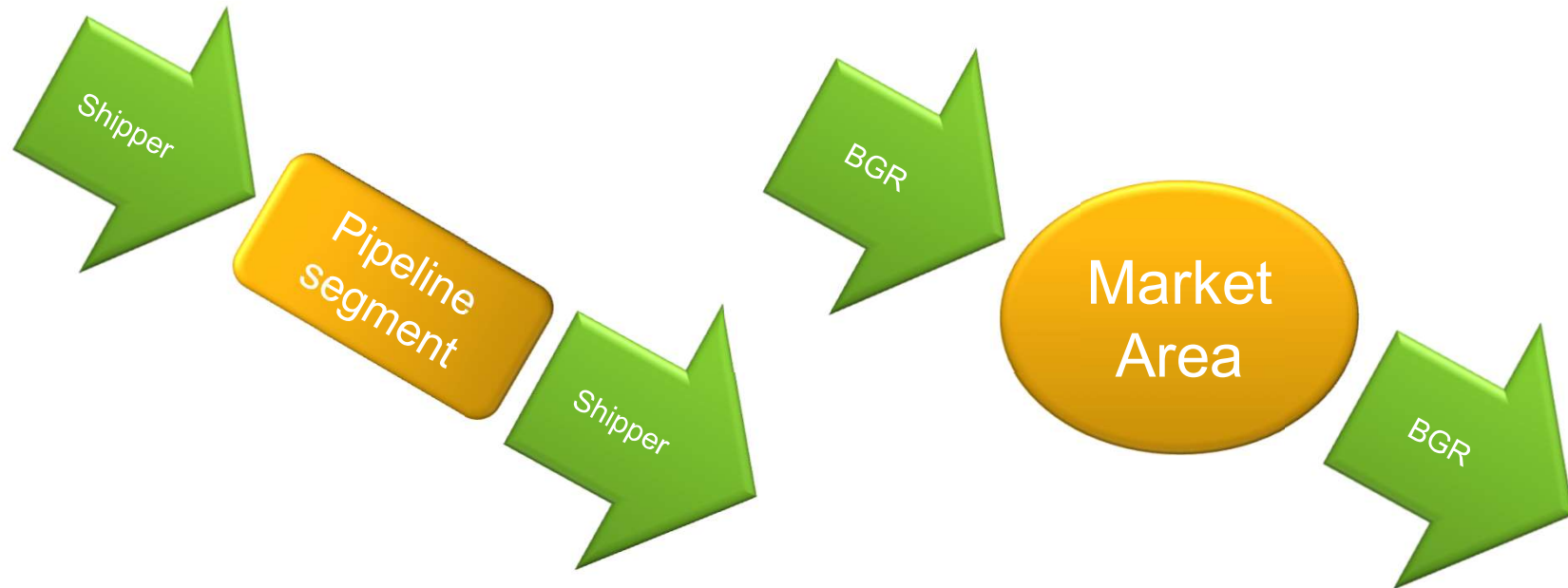


Entry/Exit System since 2013

– **No more**
point-to-point contracts

– **independent**
entry-exit contracts

Since 2013



Ex-Ante vs. Ex-Post Balancing

Since 2013

“Ex-ante“-balancing

Comparison of nominations or declared schedules for

- Entries and
- Exits

in the Market Area



Balancing by MAM

Since 2002

“Ex-post“-balancing

Comparison of

- Nominations/schedules and
- Consumption values

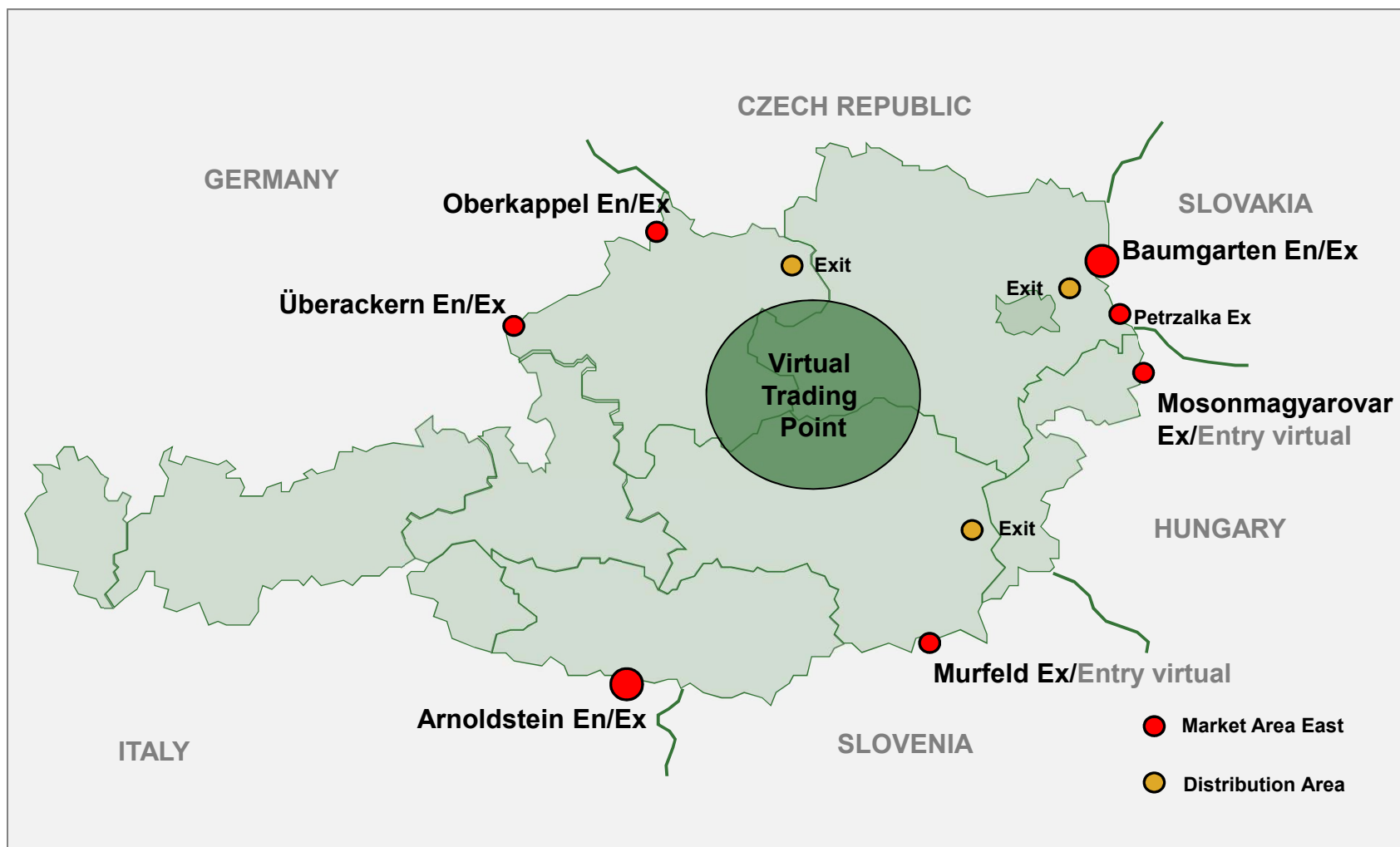
for end-consumers, biogas-entries and cross-border interconnection points in the distribution area



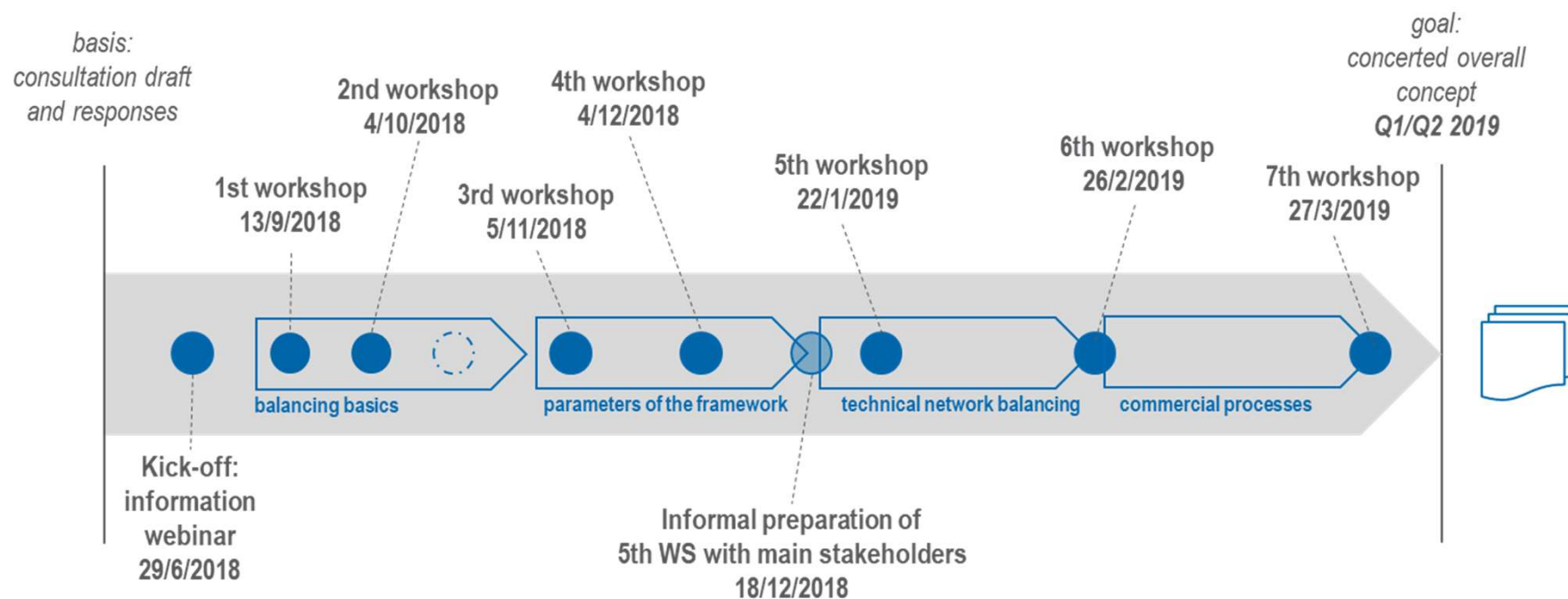
Balancing by BGC

(only relevant for distribution area)

Austrian Entry-Exit Market Model (since 2013)

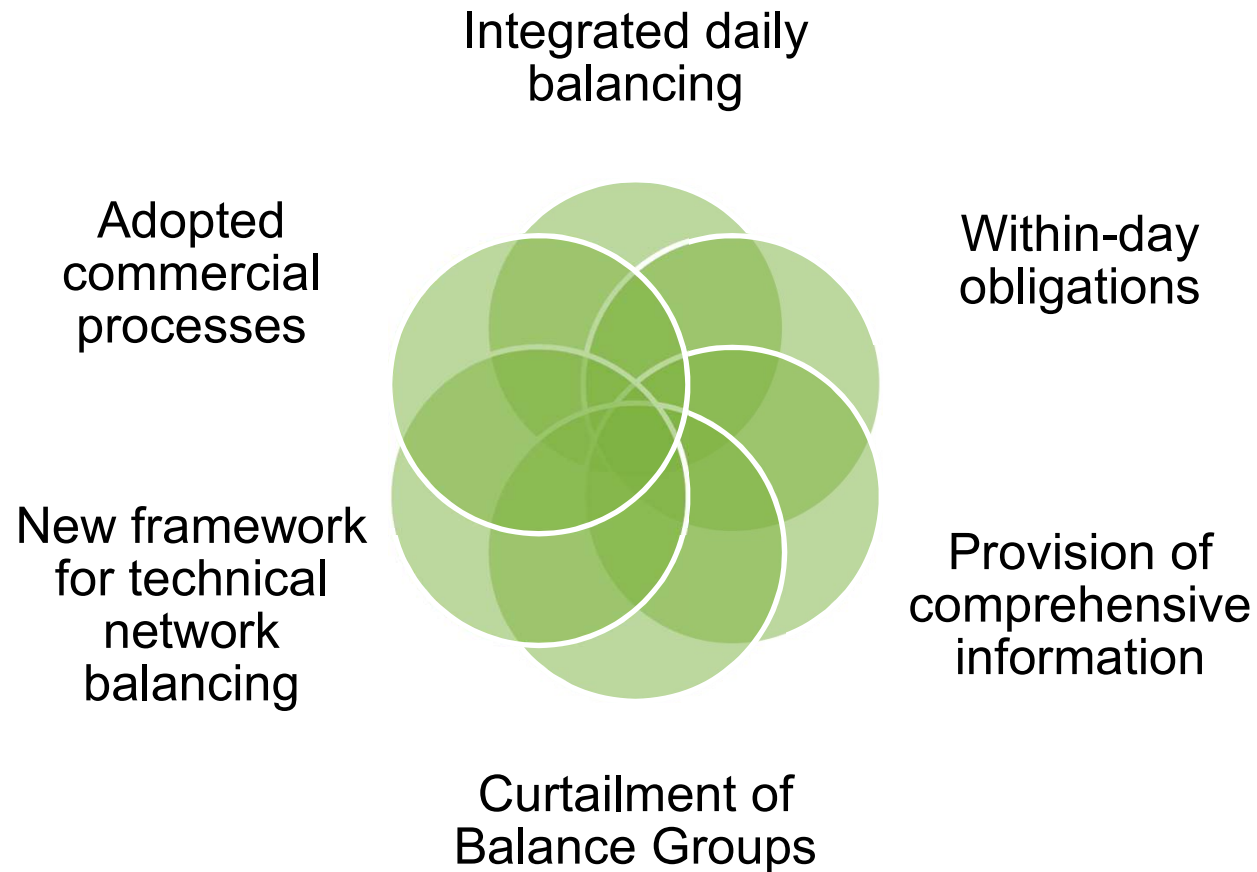


Stakeholder process

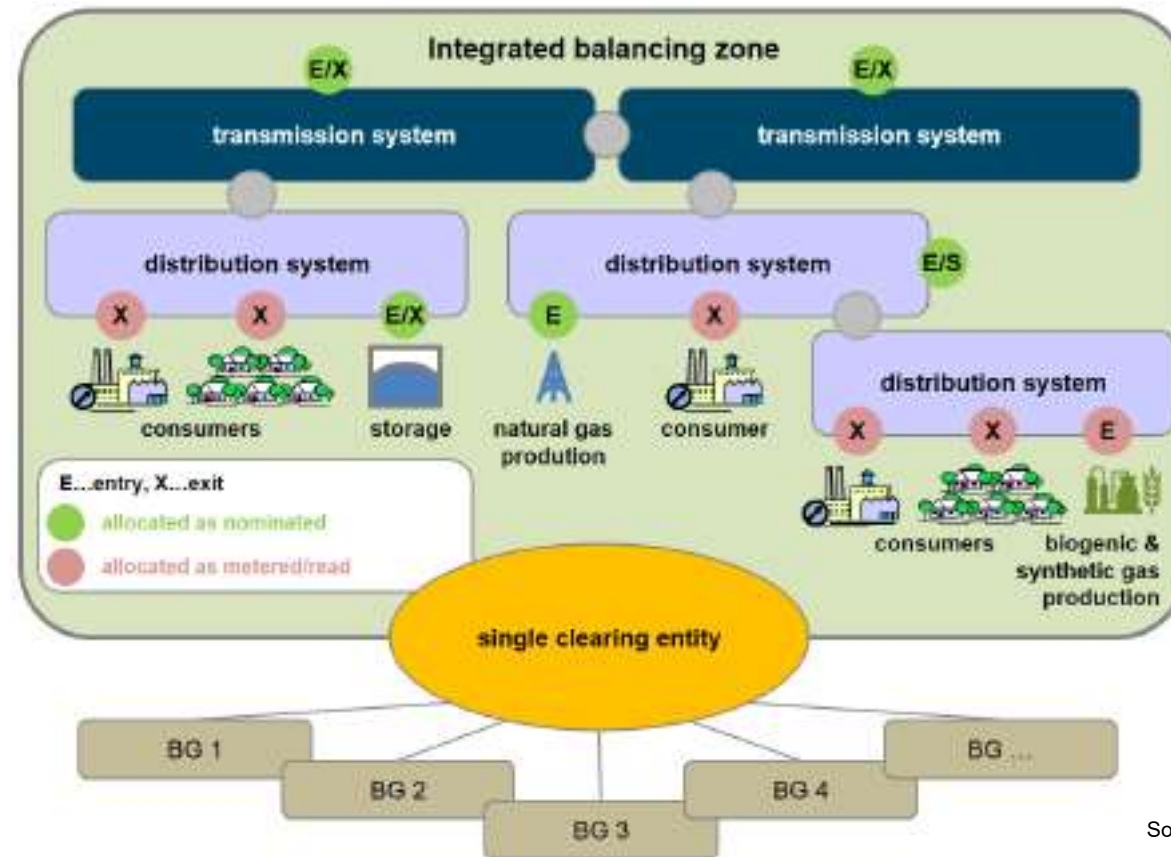


Source: E-Control

Revised Balancing Model: main elements



Revised Balancing Regime



Source: E-Control



Thank you!