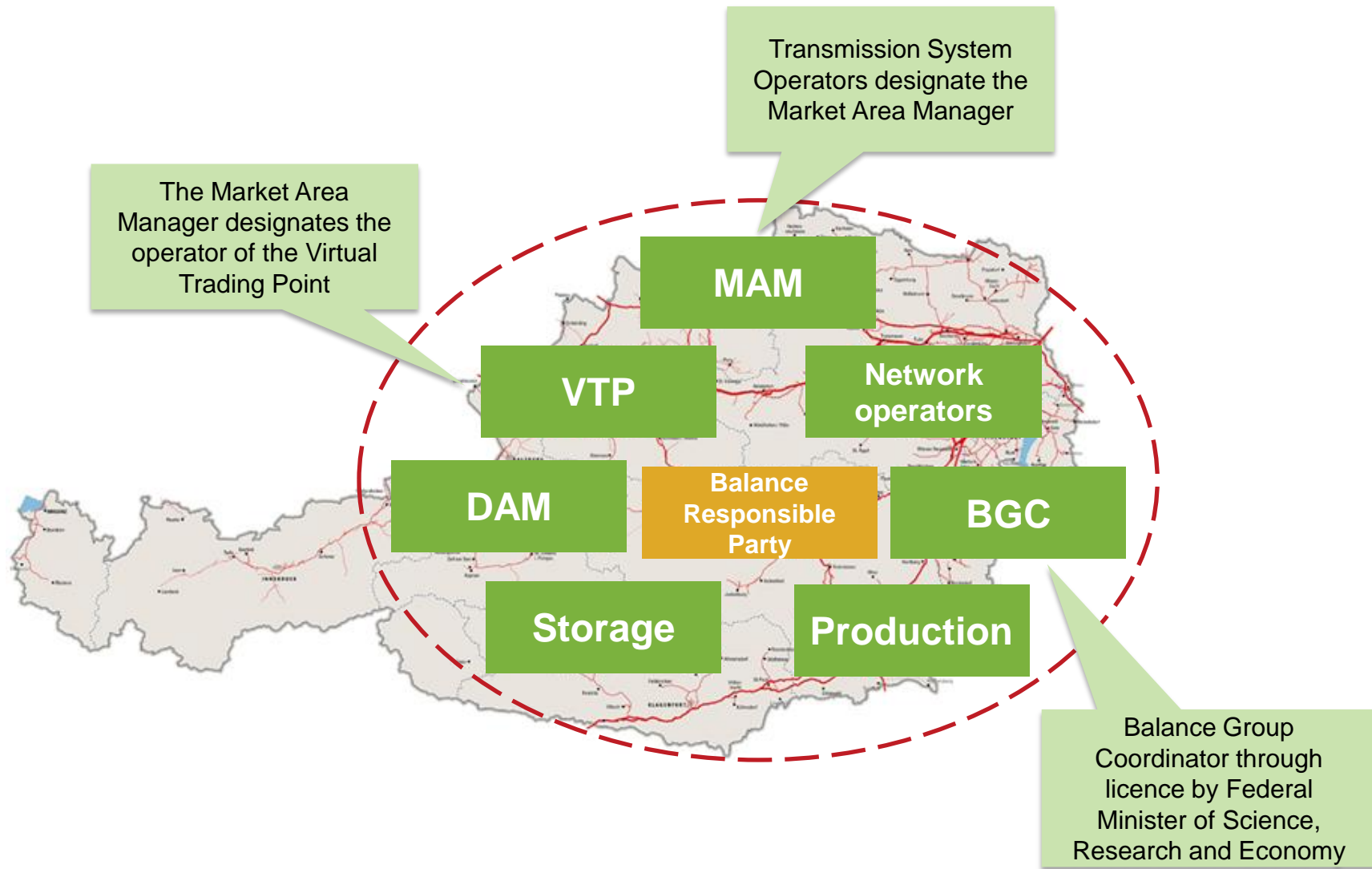


Roles and Tasks of the Market Area Manager | 26.01.2016

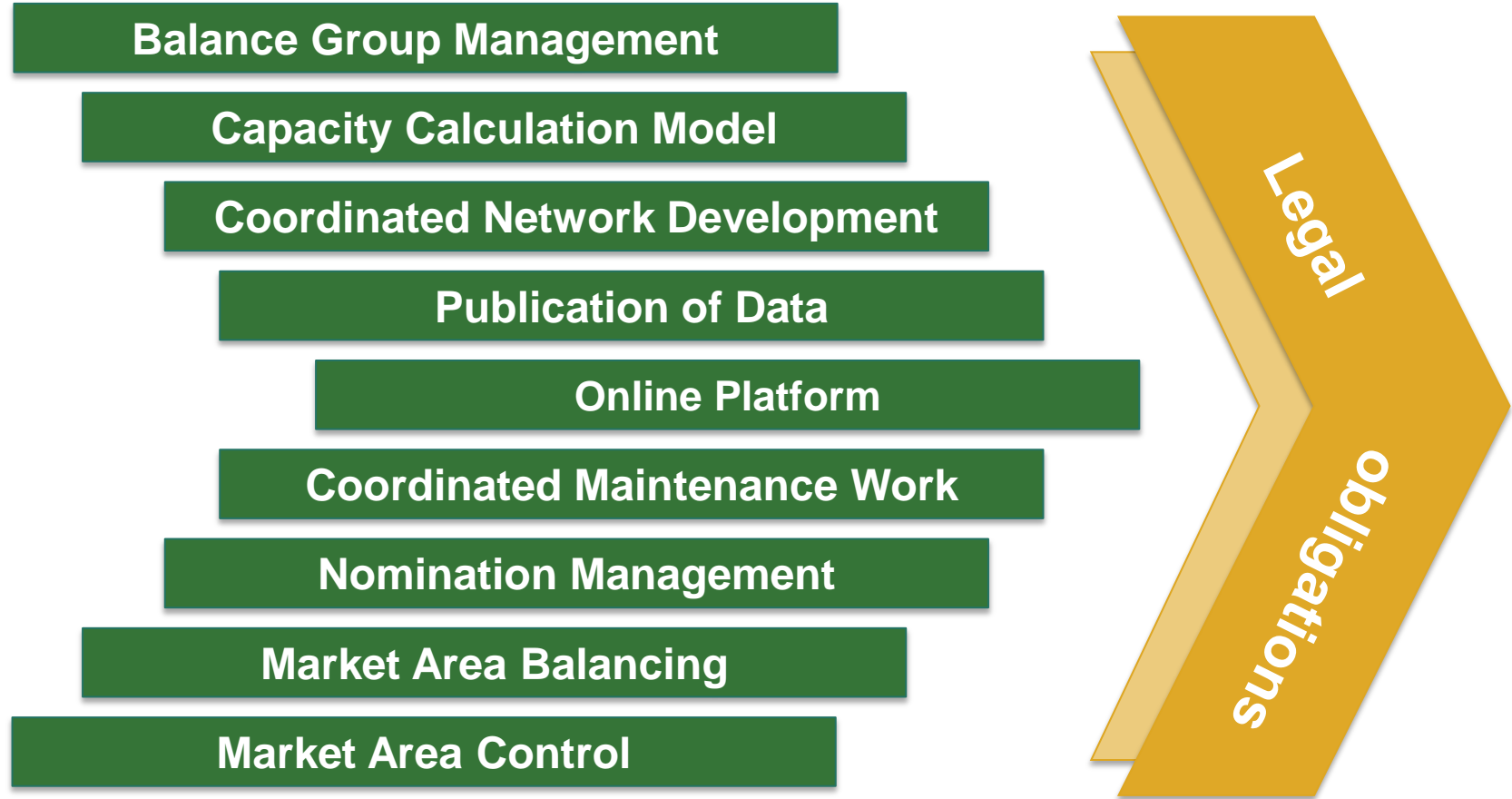
Welcome!



The Market Area East



Duties of the MAM pursuant to section 14 Natural Gas Act



Balance Group Management

One-Stop-Shop of the Market Area Manager

Energy Identification Codes (EIC)

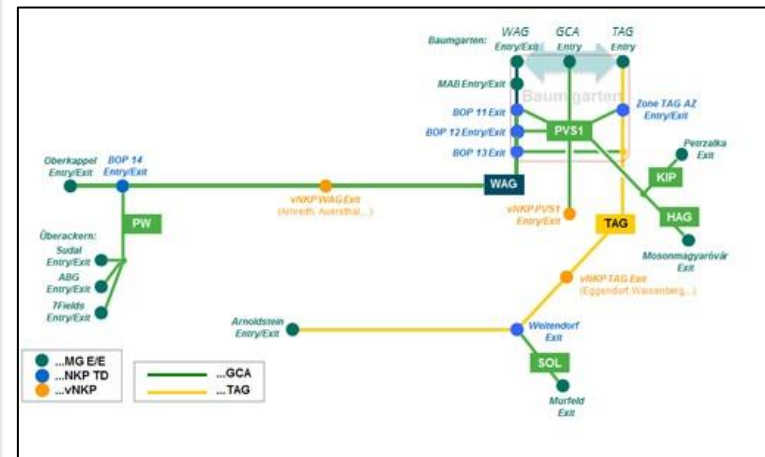
- Local Issuing Office (LIO) in Austria
- Allocation of EIC Codes

Central Data Collection

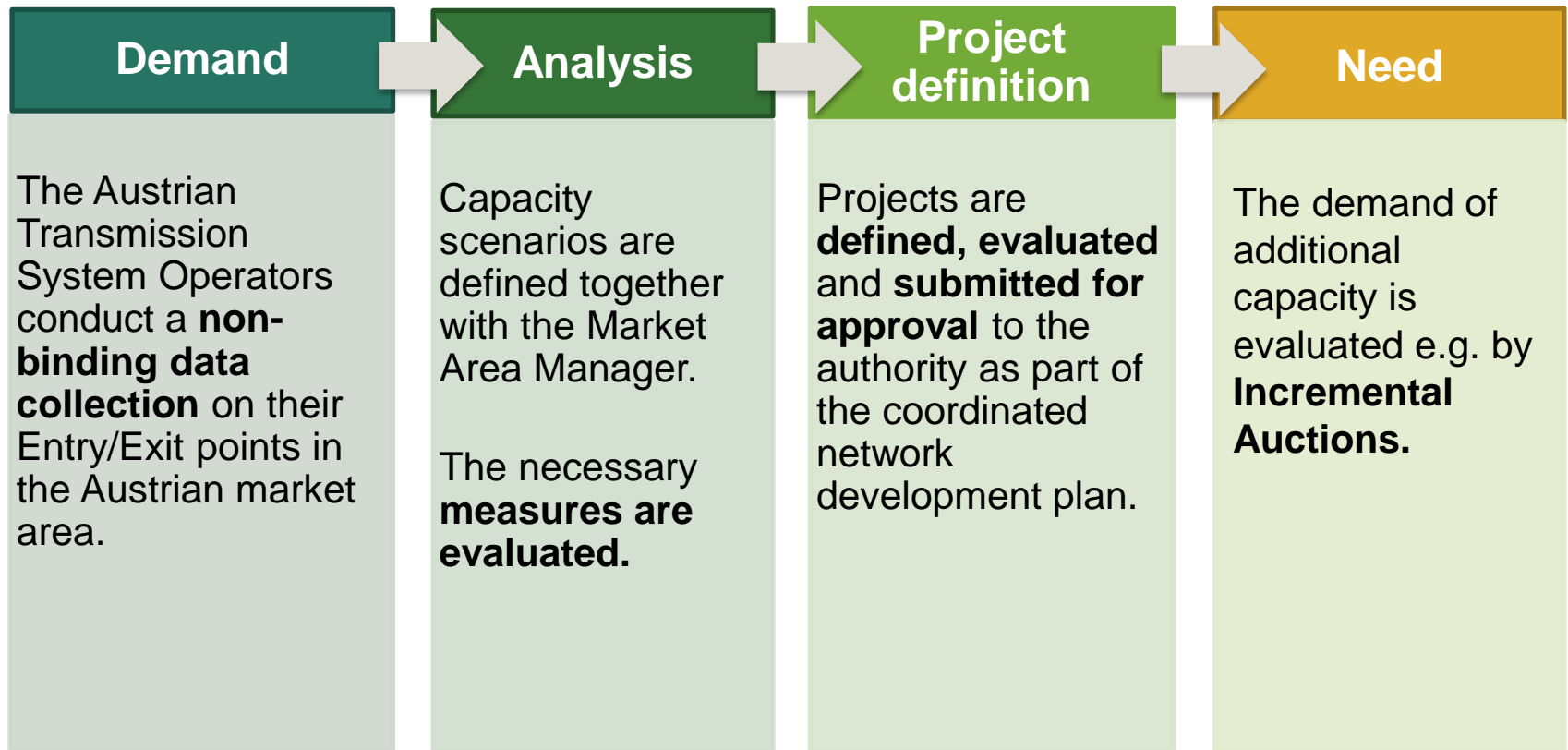
- On the MAM Online Platform
- Data are forwarded to all system operators

BGR contracts „in the name and for account of“
DAM, BGC and VTP

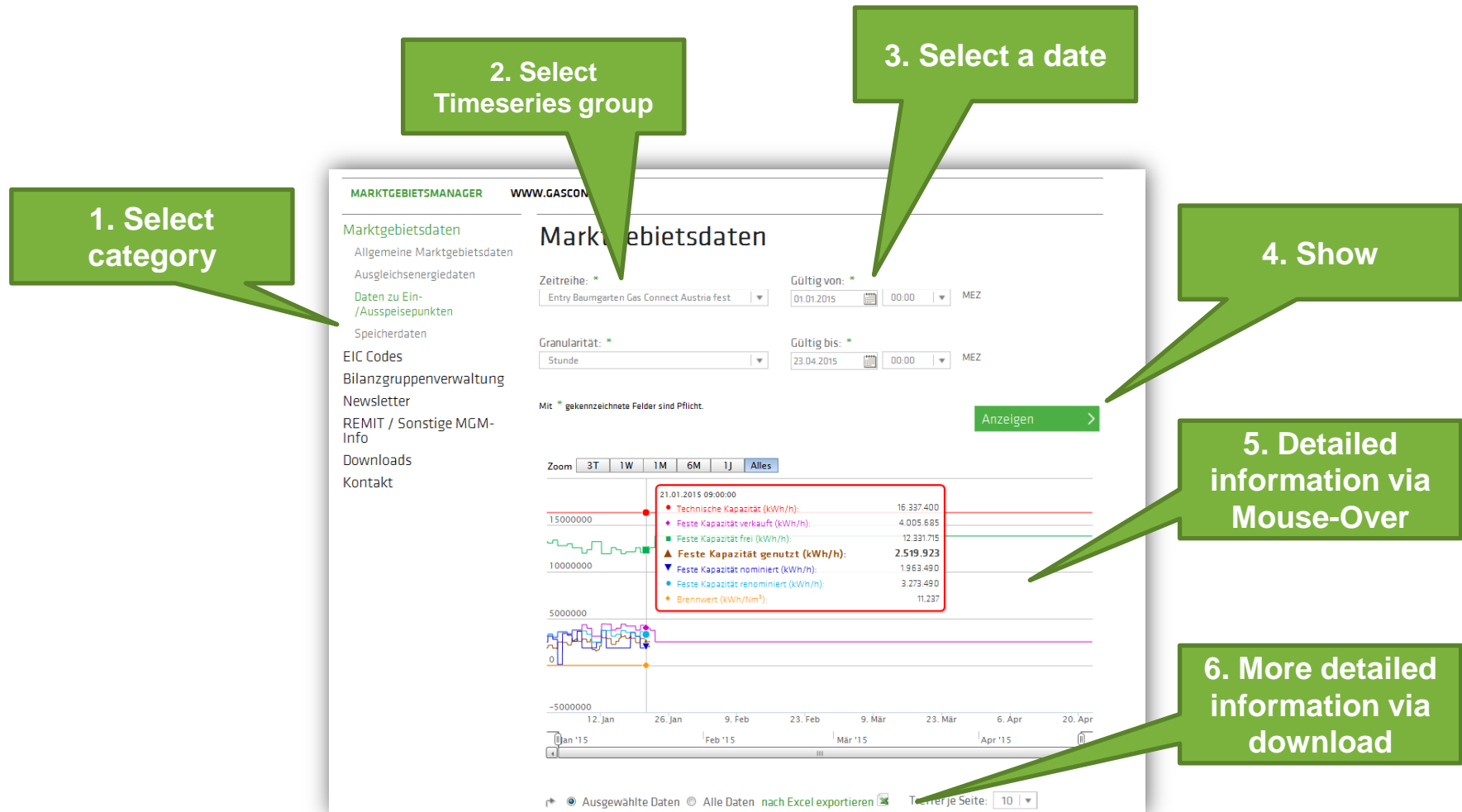
- **Uniform calculation scheme** to determine **maximized marketable FZK capacity** on long term basis at the relevant Entry- and Exitpoint in the Market Area East
- **Prevents** firm capacity **marketing that exceeds physical capability of infrastructure**
- Serves solely to calculate **commercially marketable capacities** based on technical input parameters
- Supports analysis in the course of **network development planning**
- Supports the calculation of **capacity effects in case of maintenance works**
- **MAM created the capacity calculation model** jointly with **TSOs** and **DSO**
- **Application** of the capacity calculation model **lies in the hand of each TSO** as basis for **firm capacity marketing**
- Capacity Calculation Model was **approved by the National Regulatory Authority E-Control**



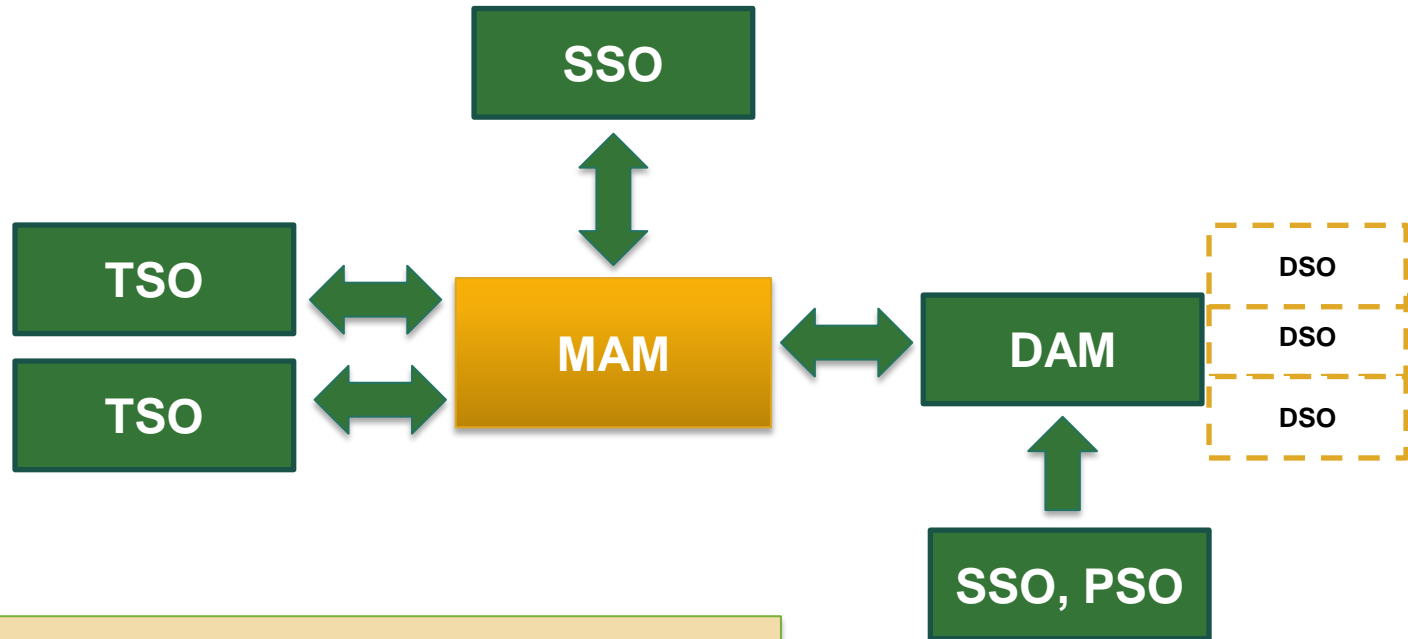
Coordinated Network Development Plan



Publication of data

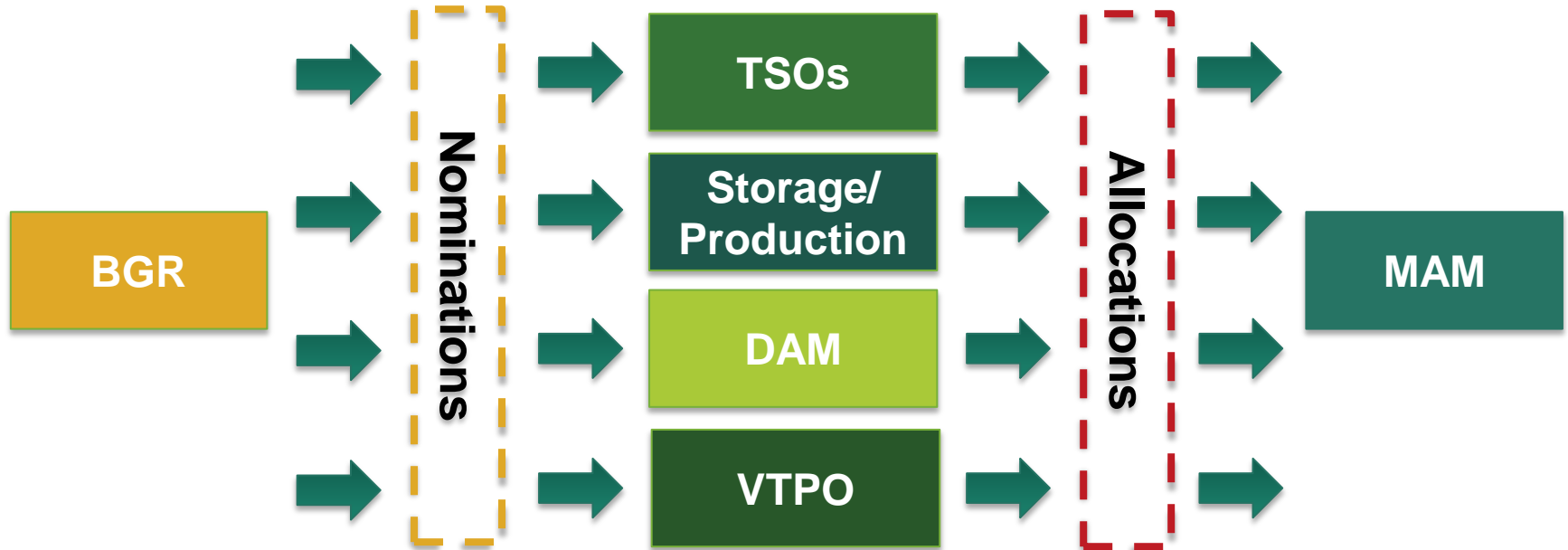


Coordinated Maintenance Work



MAM coordinates the maintenance works in order to minimize the impact on the network users

Nomination Management



Balancing

„Ex-ante“ vs. „Ex-post“ Balancing

„Ex-ante“-balancing

Comparison of allocated nominations or netted position for

- Entries
- Exits and
- Trades

in the Market Area



Balancing by MAM

„Ex-post“-balancing

Comparison of

- Nominations/schedules and
- Consumption values

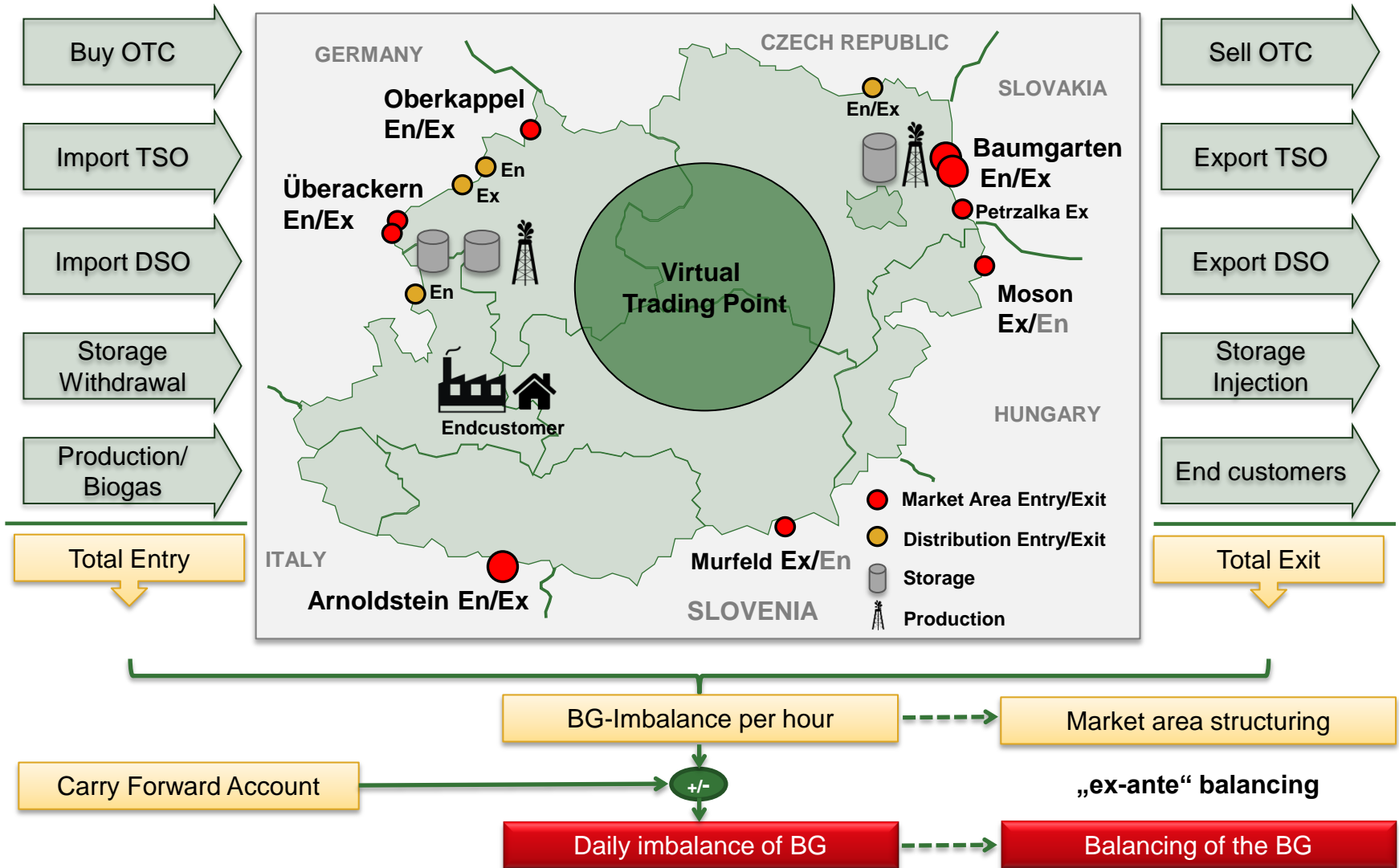
for end-consumers, biogas-entries and cross-border interconnection points in the distribution area



Balancing by BGC

(not part of this presentation)

Balancing



Market Area Control - Summary

Balancing Rules

Balancing according to the principle „allocated as nominated“

Daily balancing regime
(Gas day 06:00 – 06:00)

Cash out of daily imbalances by balancing BGs at the gas exchange

Hourly incentive scheme as WDO

Control & Operational Balancing

Network control and coordinated use of linepack

Procurement of physical balancing gas at the gas exchange

Evaluate possible market area curtailment

Last resort: curtailment of critical balance group imbalances

Information Provision

Balancing components are available „ex-ante“ in the form of confirmations

Information about BG-imbalance with reaction time of 1h15min for BGR

Publication of hourly market area net position and usable line pack

UMM in case of market area curtailment

BG = balance group, WDO = within-day obligation, UMM = Urgent Market Message

Thank you for your attention.

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Energy, everywhere.