



AGGM Austrian Gas Grid Management AG

AUSTRIAN GAS INFRASTRUCTURE DEVELOPMENT DAY

Vienna, 16.10.2018

Agenda

- ▶ 10:00 -12:00 2018 long-term planning
 - ▶ Natural gas statistics Austria Awetisjan
 - ▶ 2018 Long-term planning presentation Wernhart
 - ▶ Discussion
 - ▶ Baumgarten, status of reconstruction Wagenhofer
- ▶ 12:00-13:00 lunch break
- ▶ 13:00-15:00 2018 Coordinated Network Development Plan
 - ▶ 2018 CNDP presentation Wernhart
 - ▶ 2018 CNDP presentation – GCA part Unterberger
 - ▶ 2018 CNDP presentation – TAGG part Beaudeau
 - ▶ Discussion
 - ▶ The German Network Development Plan Gas 2018 – 2018 von Ohlen
- ▶ 15:00 get together



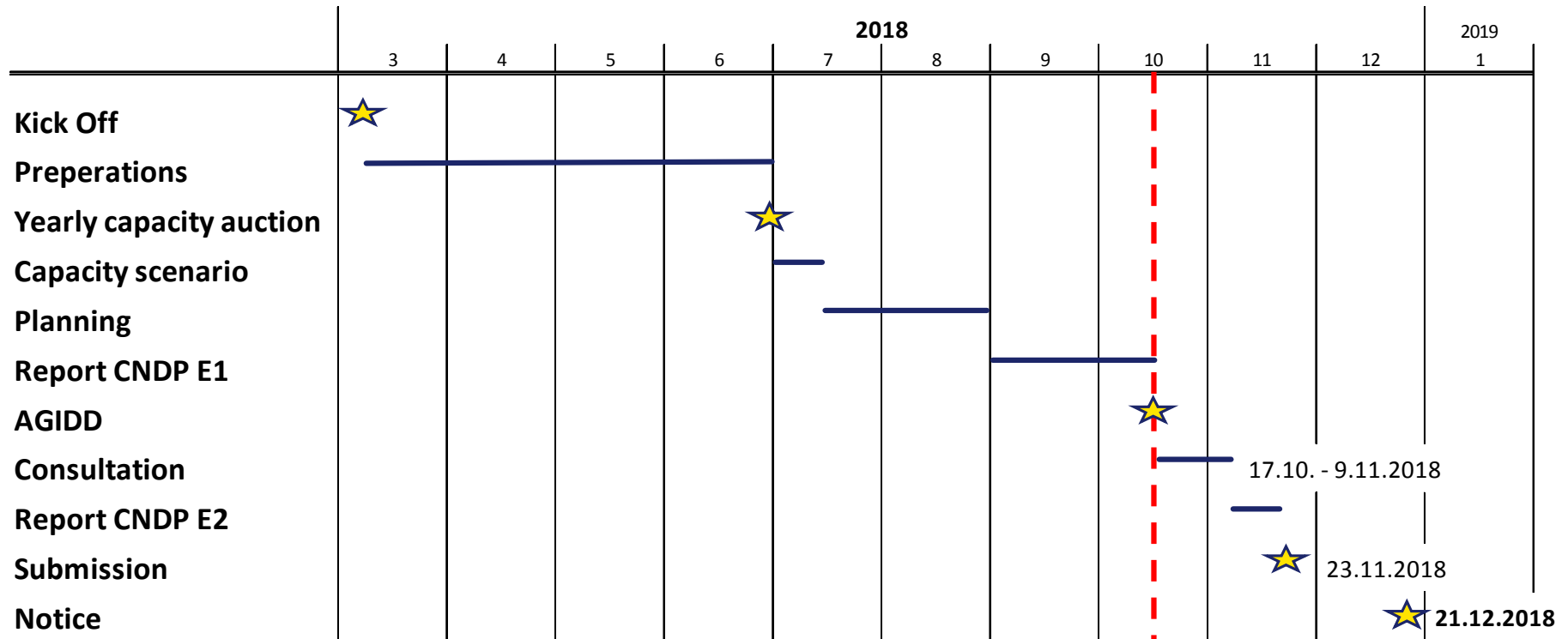
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2018 Coordinated Network Development Plan

Austrian Gas Infrastructure Development Day

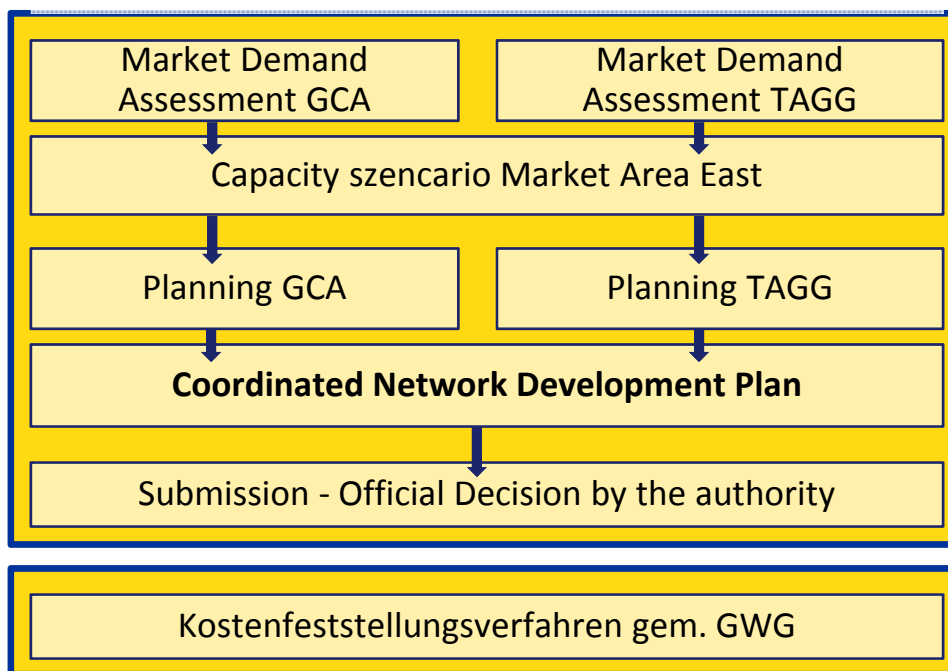
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Schedule



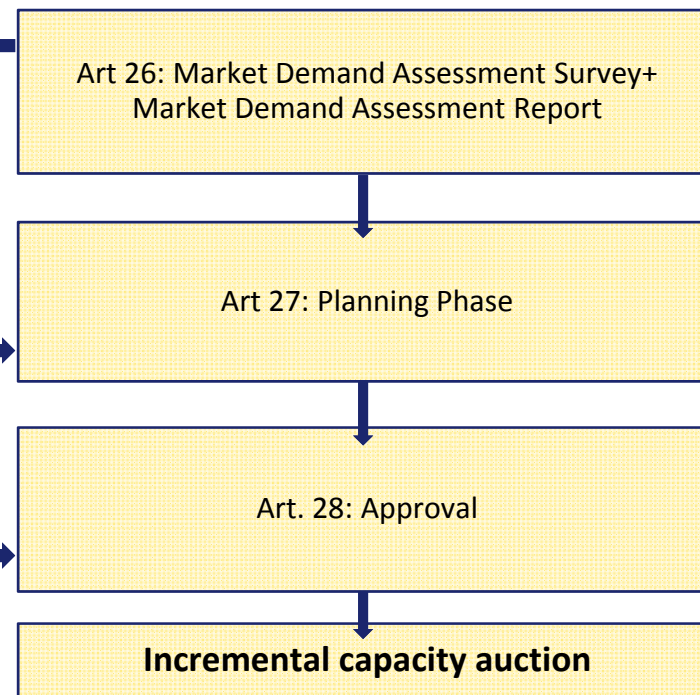
Interaction CNDP and NC CAM

procedure as per GWG 2011



- Overall view of all TSO and DA
- Projects for additional capacities & Replacement investment projects

procedure as per NC CAM



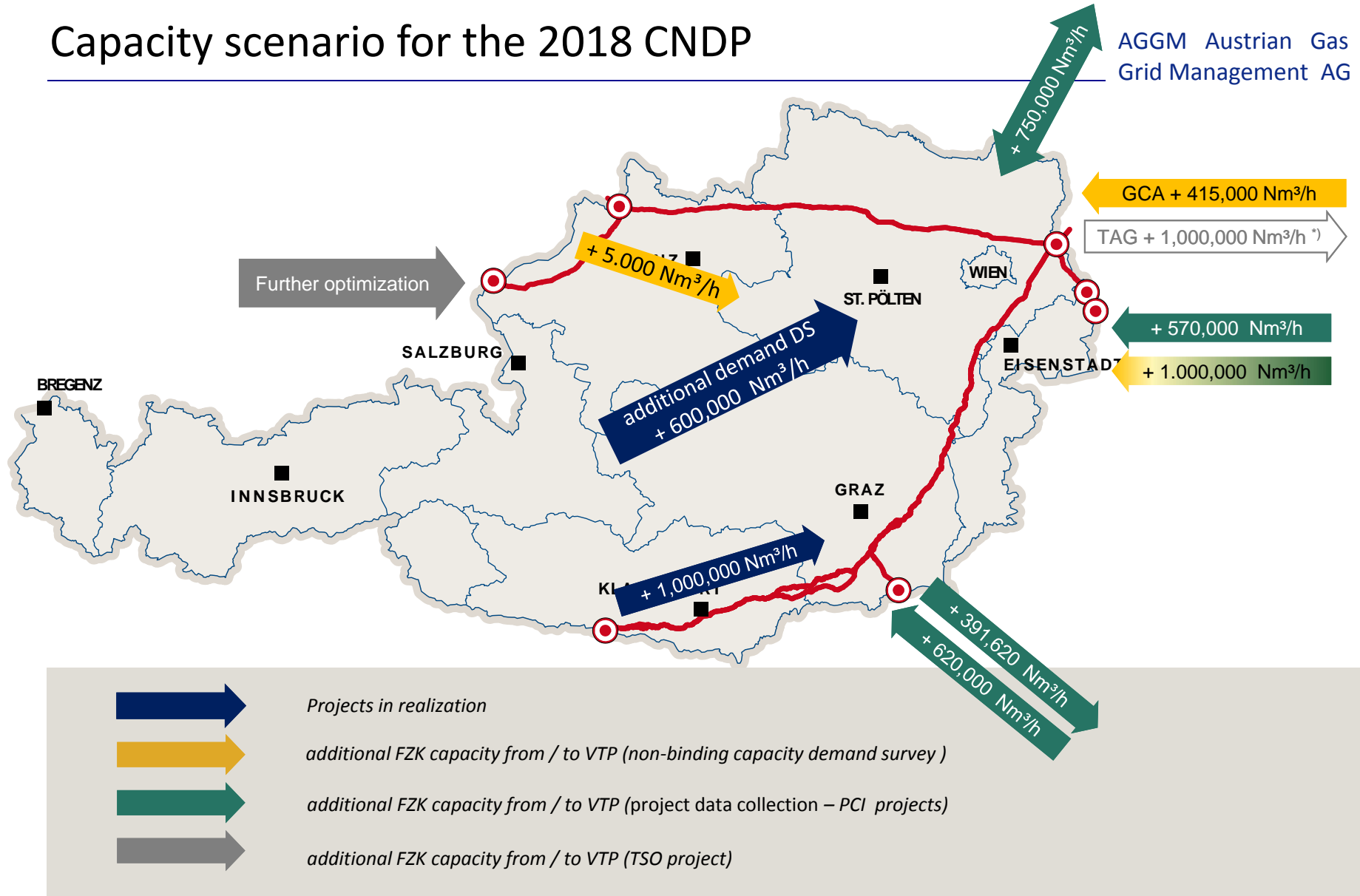
- Focused cross-border cooperation
- Internationally consistent time frame

- ▶ GCA and TAGG carried out:
 - ▶ Market demand assesment
 - ▶ Project data assesment with adjacent TSO

- ▶ MAM gathers the capacity demands and creates the capacity scenario together with the TSOs

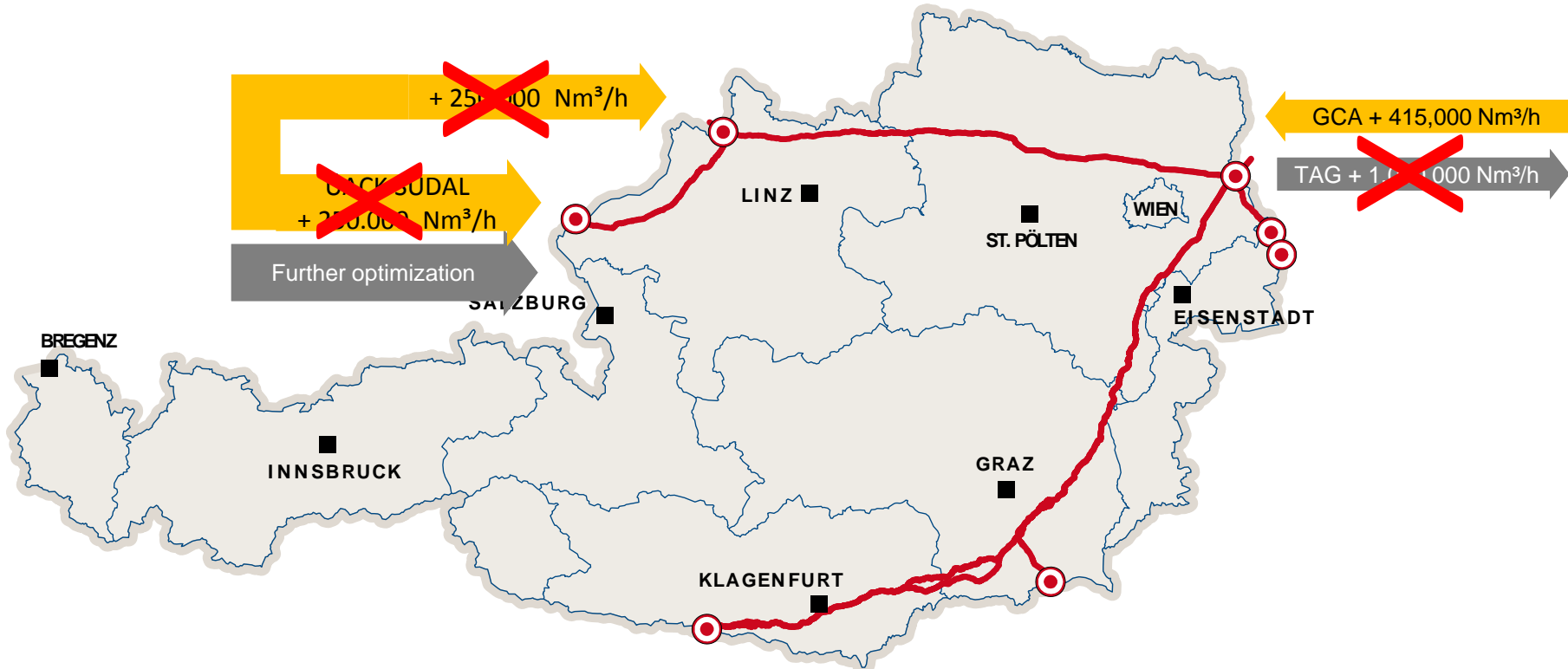
- ▶ Coordination with ECA = Basis for planning




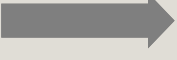
Capacity scenario for the 2018 CNDP



Capacity scenario 2018 CNDP vs. 2017 CNDP

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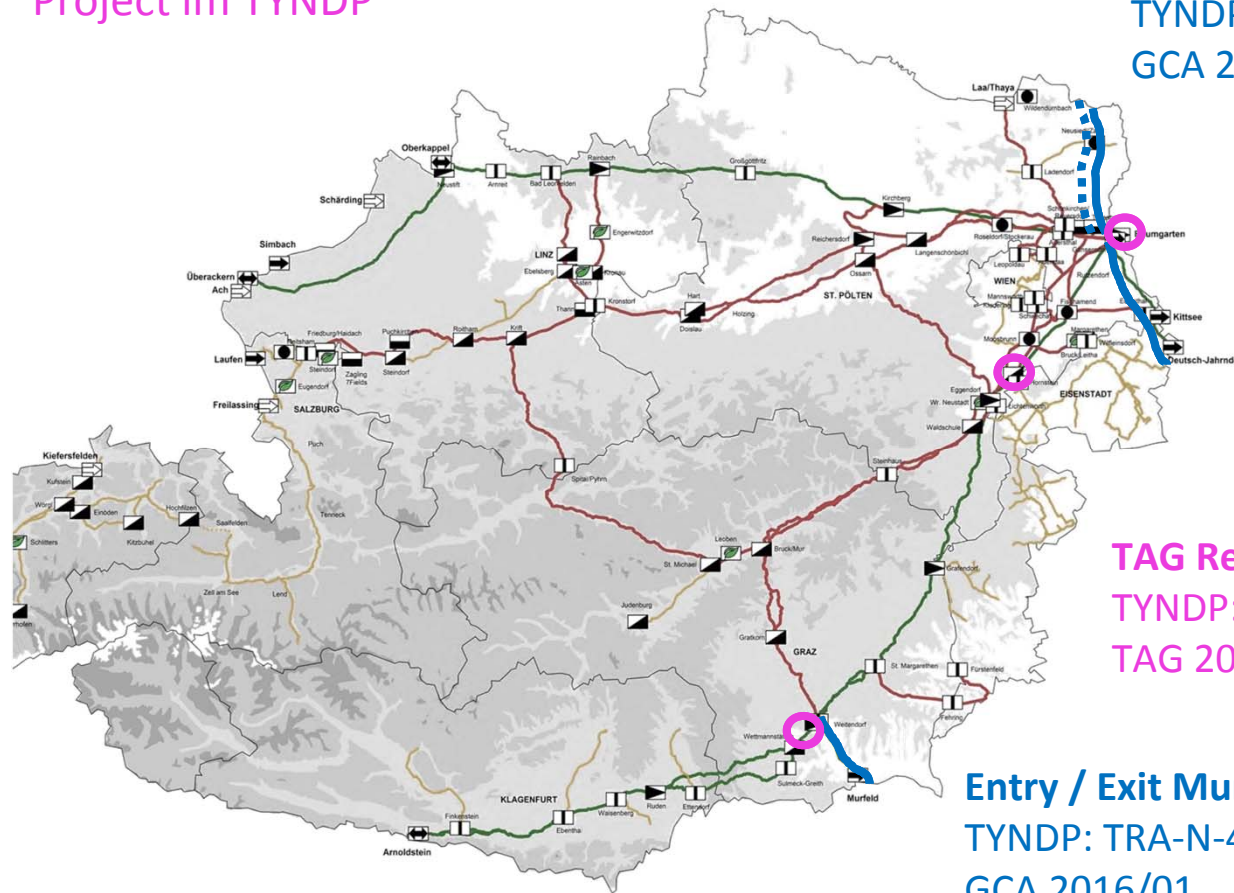


	<i>Projects in realization</i>
	<i>additional FZK capacity from / to VTP (non-binding capacity demand survey)</i>
	<i>additional FZK capacity from / to VTP (project data collection – PCI projects)</i>
	<i>additional FZK capacity from / to VTP (TSO project)</i>

TYNDP and PCI Projects

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Project in TYNDP und PCI
Project im TYNDP



BACI
TYNDP: TRA-N-021, PCI: 6.4
GCA 2015/01a

Entry Mosonmagyaróvár
TYNDP: TRA-N-423, PCI: 6.24.3
GCA 2015/05

TAG Reverseflow
TYNDP: TRA-N-954
TAG 2016/01 + TAG 2016/03

Entry / Exit Murfeld
TYNDP: TRA-N-423, PCI: 6.24.3
GCA 2016/01

Required projects per capacity demand

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Demand	Project- sponsor	Project- number	Project name	Implementation time frame [years]	Planned completion [date]
Entry / Exit Reintal +750.000 Nm³/h	GCA	2015/01a	Bidirectional Austria Czech Interconnector	4.5	
	TAG	2016/05	TAG Baumgarten interconnection capacity	4.5	
Entry Mosonmagyaróvár +570.000 Nm³/h	GCA	2015/05	Entry Mosonmagyaróvár	4.5	
	TAG	2016/04	TAG Baumgarten interconnection capacity (Mosonmagyaróvár)		Q4/2021
Entry Mosonmagyaróvár +1.000.000 Nm³/h	GCA	2017/01	Entry Mosonmagyaróvár Plus	4.5	
	TAG	2017/01	TAG Baumgarten interconnection capacity (Mosonmagyaróvár) II	4.5	
Mehrbedarf Verteilergesamt +600.000 Nm³/h	GCA	2015/07b	Additional Demand in Distribution Area +		Q4 2018
Exit Andorf +5.000 Nm³/h	GCA	2017/02	Penta West – Exit distribution area	1.5	
Entry Arnoldstein +1.000.000 Nm³/h	TAG	2016/01	TAG Reverse Flow Weitendorf/Eggendorf		Q4/2019
	GCA	2015/10	Entry Arnoldstein		Q4/2018
Entry Murfeld +620.000 Nm³/h Exit Murfeld +391.620 Nm³/h	GCA	2015/08	Entry/Exit Murfeld	4.5	
	TAG	2016/01	TAG Reverse Flow Weitendorf/Eggendorf		Q4/2019
	TAG	2018/01	Murfeld Exit Capacity Increase	4.5	
Überackern - Oberkappel Wheeling +250.000 Nm³/h	GCA	2018/01	Überackern - Oberkappel	4.5	

Projects in the 2018 CNDP

Projects of the previous CNDP	New projects	IC:	2	Projects in the 2018 CNDP IC: 17 R: 38
		R:	12	
	Continued and approved projects without amendments	IC:	15	
		R:	16	
	Continued and approved projects with amendments	IC:	0	
		R:	10	
	Withdrawn projects	IC:	1	
		R:	0	
	Implemented projects	IC:	1	
		R:	6	

IC: Incremental capacity projects

R: Replacement projects

Infrastructure standard in the market area East

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Facility	technical capacity [million sm ³ /d]			Definition & Explanation 2018
	EU (VO)	EU (VO)		
	994/2010	2017/1938		
	2017	2017	2018	
Baumgarten (GCA, WAG, TAG)	206	140	140	Exit Slovakia
Oberkappel	22	22	22	Minimum from Exit NCG and WAG cap. OK -> BM
Überackern	10	0	0	integrated into Oberkappel
Arnoldstein	37	0	0	currently DZK, therefore zero
Freilassing&Laa/ Thaya	1	1	1	available technical capacity
EPm	276	163	163	
Production OMV	3	3	3	booked standard capacity
Production RAG	1	1	0,5	booked standard capacity
Pm	4	4	3	
Gas Storage OMV	27	23	23	at a working gas volume of 30%
Gas Storage RAG ES	13	15	15	at a working gas volume of 30%
7Fields transmission system	0	0	0	
7Fields distribution area	5	4	4	at a working gas volume of 30%
Haidach distribution area	0	0	0	
Sm	45	42	42	
LNGm	0	0	0	
Im	206	140	140	
Dmax	52	53	52	Baseline scenario max. from the next 10 years
N - 1	228%	129%	130%	

- ▶ Document for consultation
 - ▶ From 17 October 2018 9:00 a.m.
 - ▶ www.aggm.at / Network information/ Network Development Plans/ KNEP (DE+EN)

- ▶ Deadline of consultation
 - ▶ Until 09 November 2018

- ▶ Comments and Statements to:
 - ▶ netzplanung@aggm.at

- ▶ Publication
 - ▶ Die Comments will be published on www.aggm.at and acknowledged in the CDNP 2018 document

DI Helmut Wernhart

AGGM Austrian Gas Grid Management AG
Floridsdorfer Hauptstraße 1
floridotower
1210 Wien / Vienna
Austria
Tel. +43 (1) 27 560-28872
Fax +43 (1) 27 560-628872
helmut.wernhart@aggm.at
www.aggm.at