



WB6
Regional
Electricity
Market



Regional Energy Market Connectivity Project Closing Event



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2 July 2015



27 August 2015



WB6 MoU signature 27 April 2016

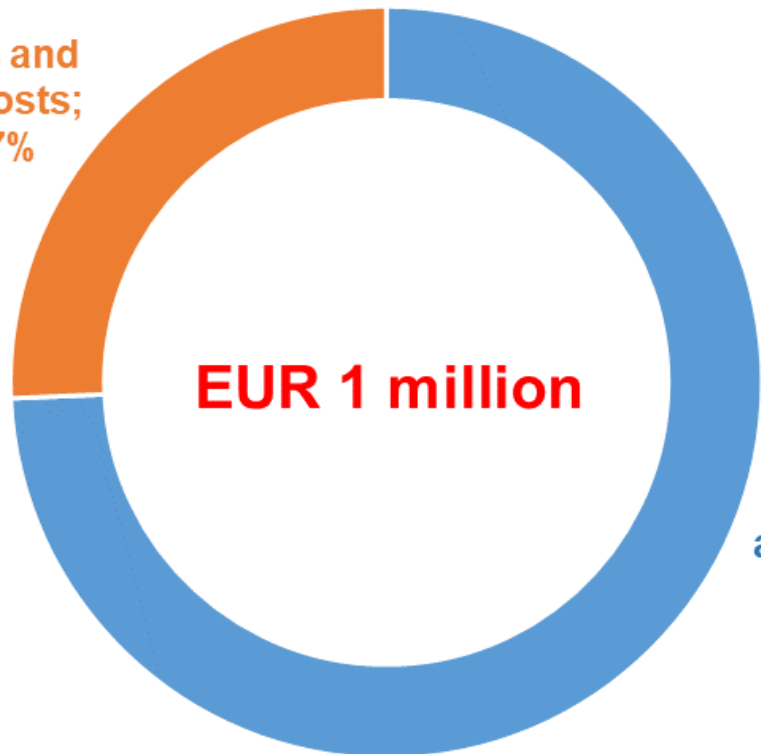


WB6 Day-ahead Market Integration kick-off 27 April 2017



WB6 Grant Contract Budget spending

Travels and
other costs;
25,67%



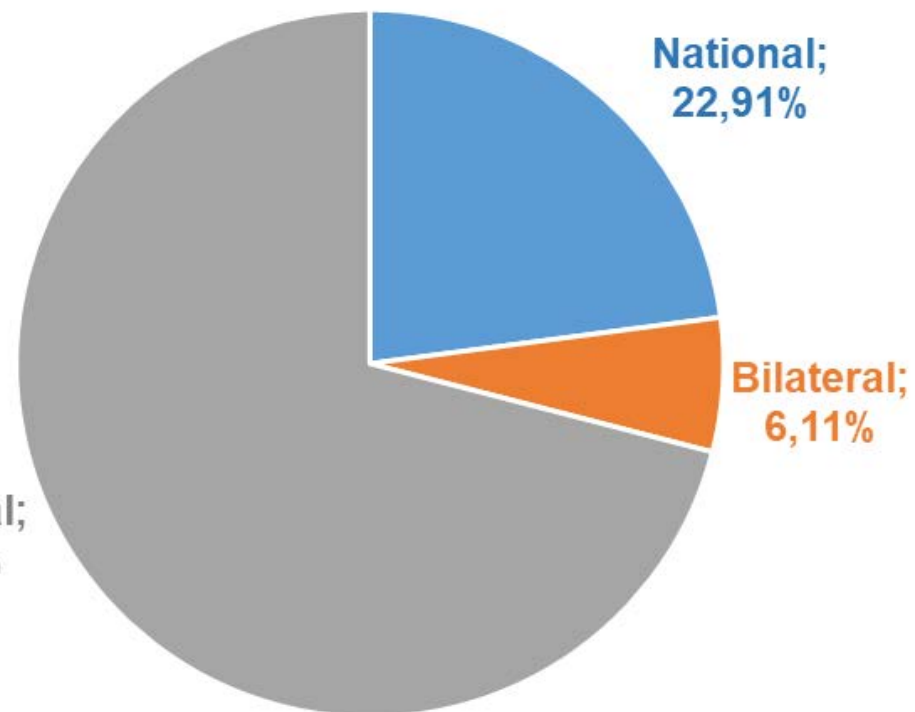
EUR 1 million

Technical
assistance;
74,33%



WB6 Technical assistance Budget spending

National;
22,91%

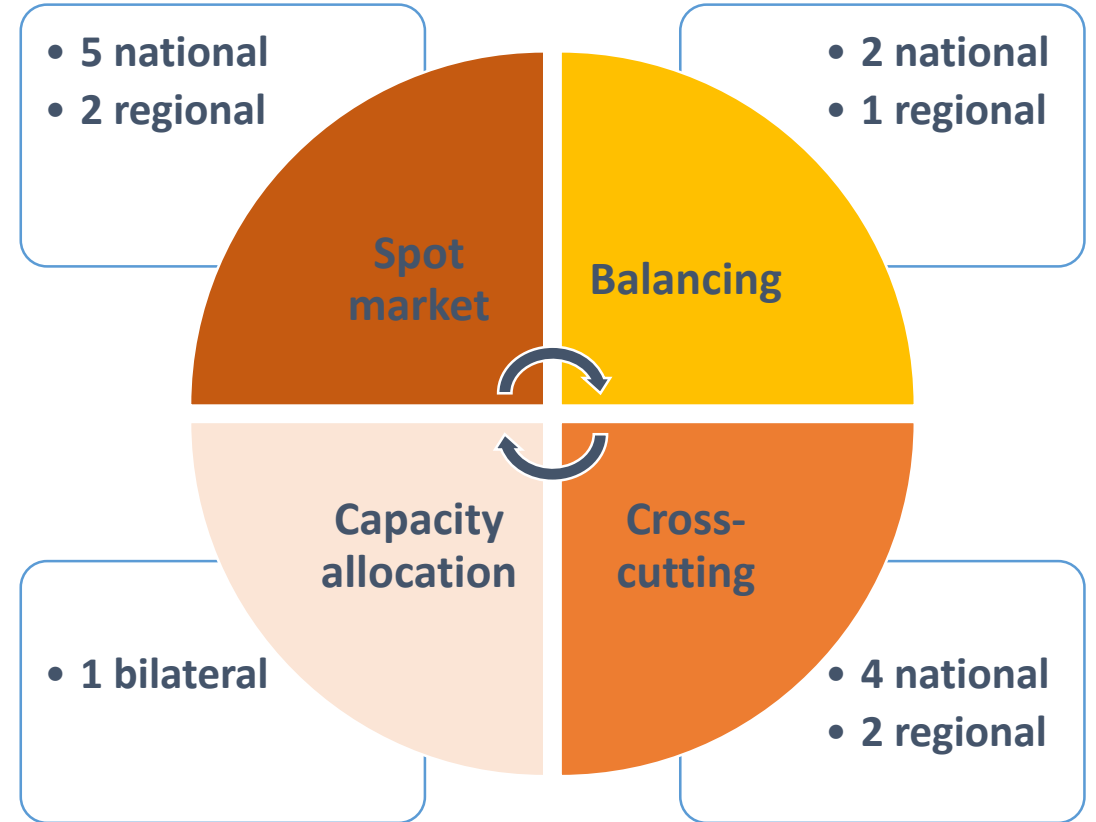
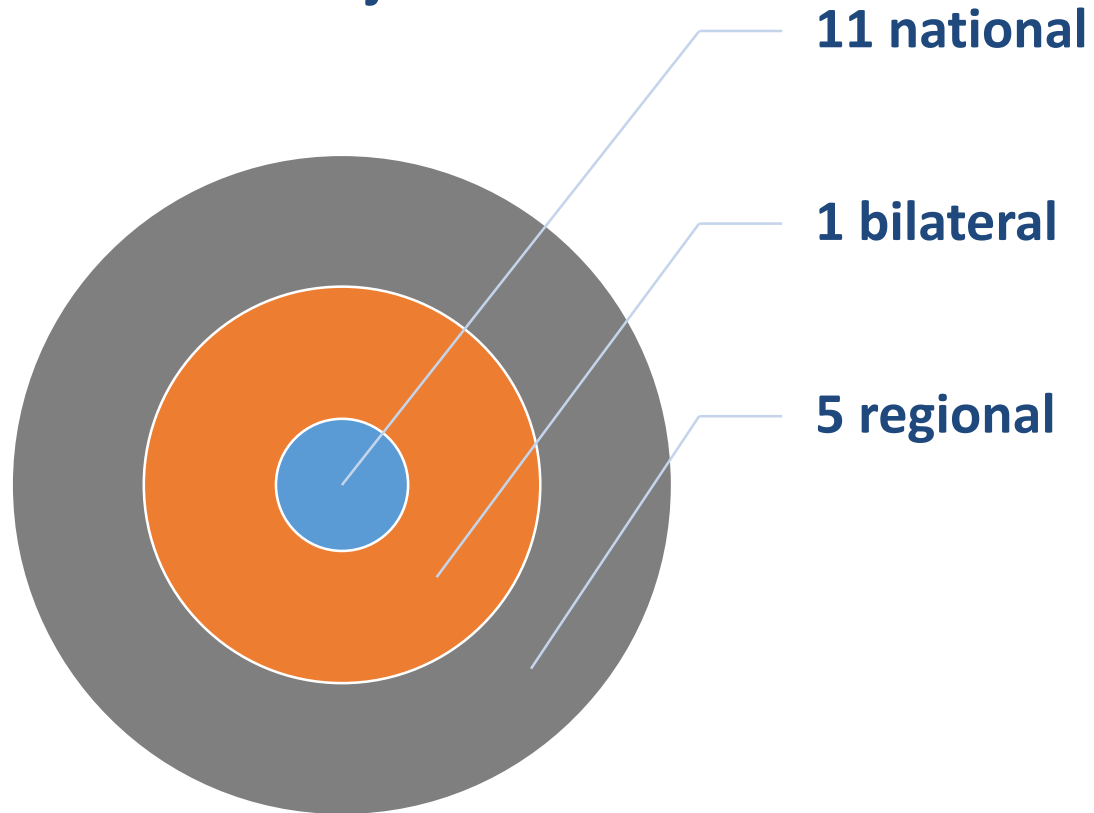


Regional;
70,98%

Bilateral;
6,11%



WB6 Technical assistance Projects



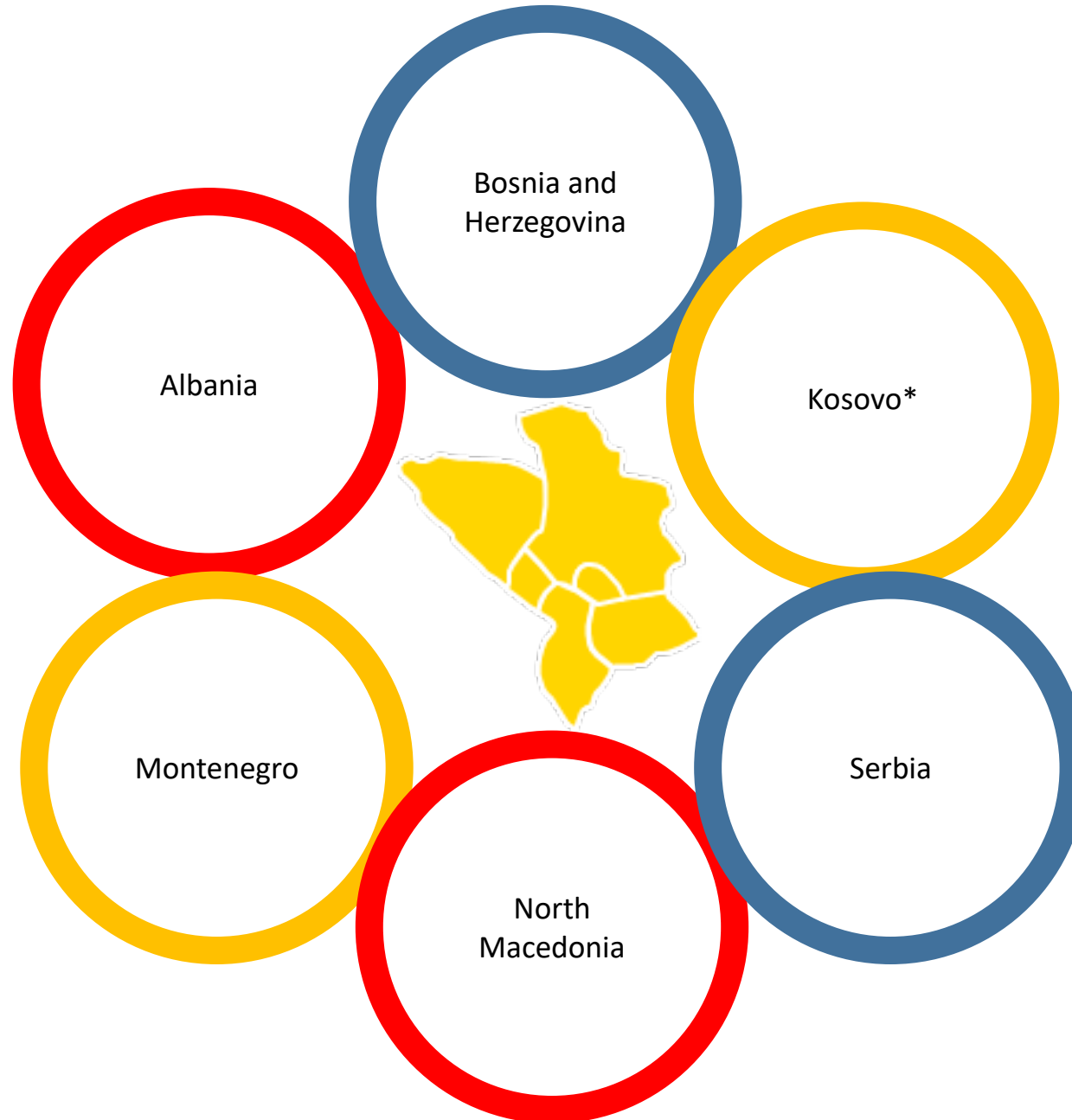


WB6 Projects direct and indirect beneficiaries



WB6 Objectives

WB6 Olympics



WB6 tetrathlon



SPOT MARKET DEVELOPMENT



CROSS-BORDER BALANCING



CAPACITY ALLOCATION



CROSS-CUTTING MEASURES

WB6 Electricity Monitoring Report



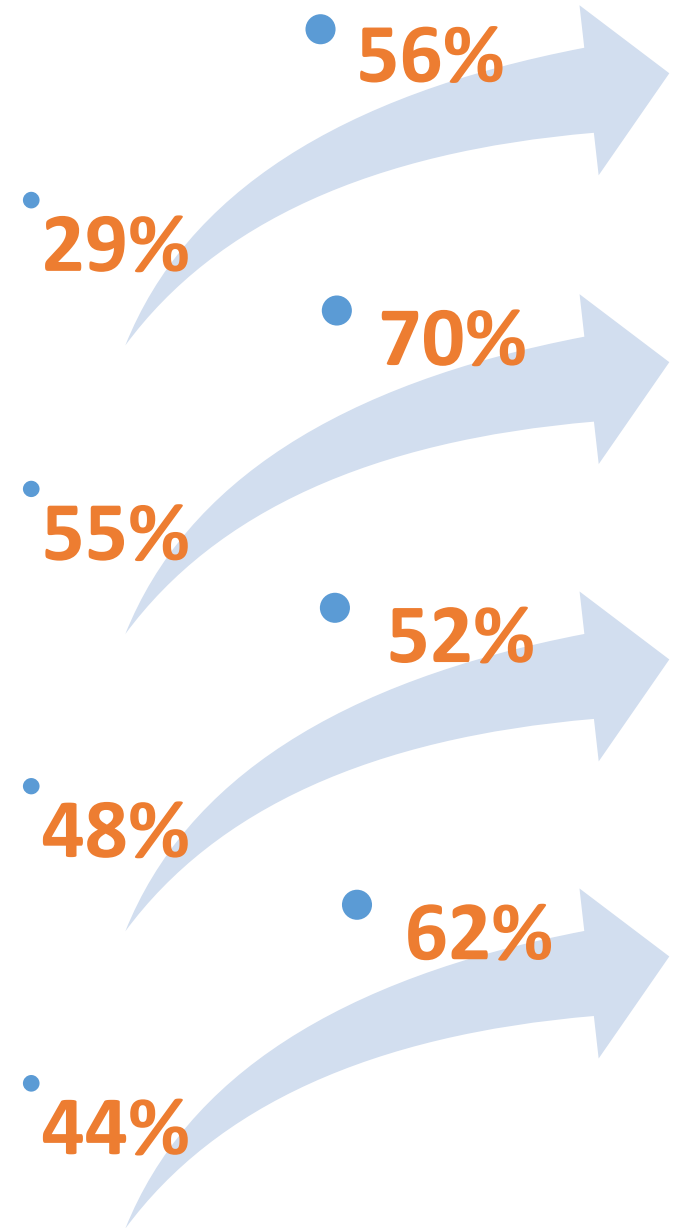
WB6 Energy Reform 2016-2019 – at the mid-point

SPOT MARKET DEVELOPMENT

CROSS-BORDER BALANCING

CAPACITY ALLOCATION

CROSS-CUTTING MEASURES



ALBANIA

Total budget: 35.850 EUR

Total number of TAs: 3

spot market: 0

balancing: 1

cross-cutting: 2



ACTIVITY

1. TA to NRA to the certification of TSO OST
2. TA to TSO in drafting transitional balancing rules
3. TA to energy sector reform in line with 3rd Package

OUTPUT

1. The draft NRA's decision on OST certification
2. The draft transitional balancing rules
3. The review of existing legislation

RESULTS

1. OST certified and obtained a membership in ENTSO-E
2. OST adopted and enforced the balancing rules
3. Energy Sector reform currently under discussion

BOSNIA AND HERZEGOVINA

Total budget: 34.310 EUR

Total number of TAs: 2

spot market:	1
balancing:	0
cross-cutting:	1

ACTIVITY

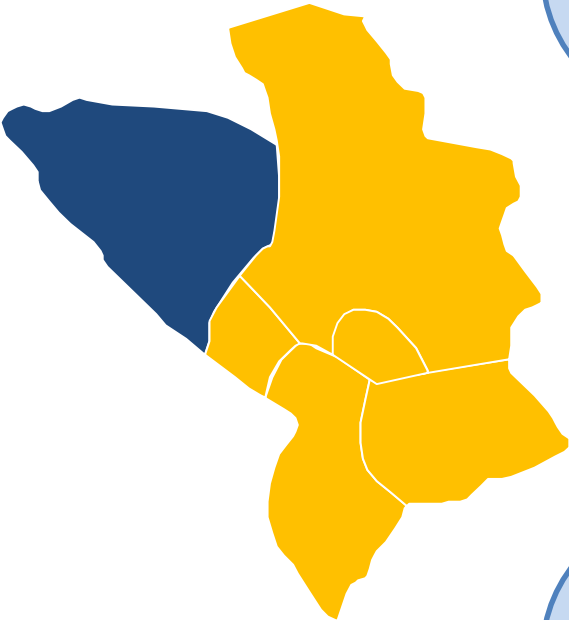
1. TA to the institutional setup of day-ahead market
2. TA to drafting energy market legislation in District Brčko

OUTPUT

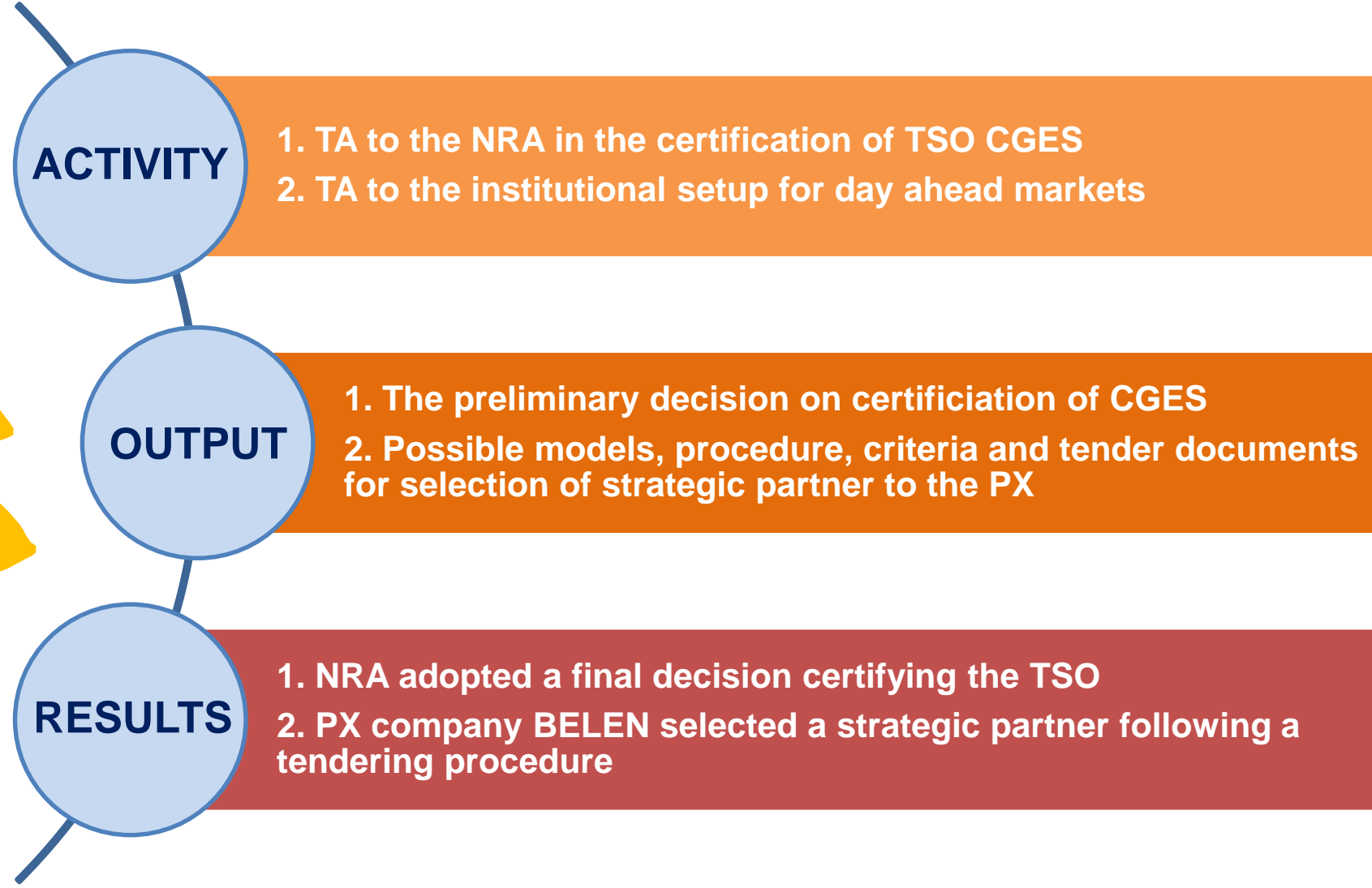
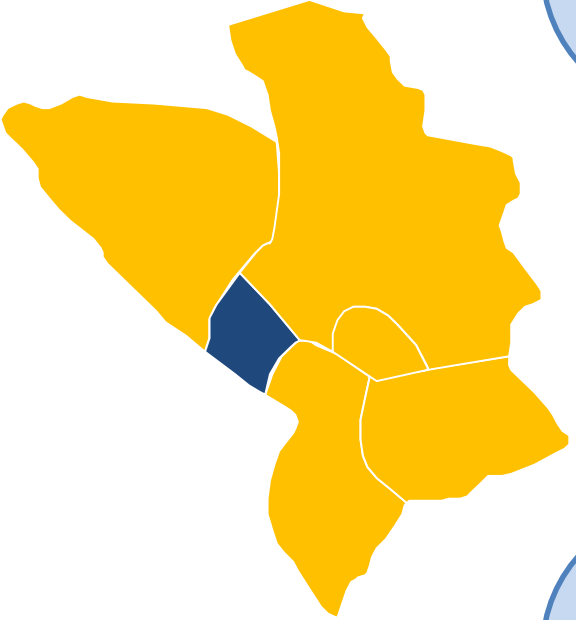
1. A proposal of a suitable solution and an action plan for establishing a day-ahead market in Bosnia and Herzegovina
2. A proposal of the electricity and renewable law for District Brčko

RESULTS

1. Established Working Group consisting of all relevant stakeholders in the energy sector of Bosnia and Herzegovina



MONTENEGRO	Total budget: 20.500 EUR
Total number of TAs: 2	spot market: 1
	balancing: 0
	cross-cutting: 1



NORTH MACEDONIA

Total budget: 79.660 EUR

Total number of TAs: 4

spot market: 3

balancing: 1

cross-cutting: 0



ACTIVITY

1. TA to the institutional setup, rules and operationalisation of a day-ahead market (3 projects)
2. TA to establish a balancing market

OUTPUT

1. Concept design for the institutional setup of a day-ahead market
2. A proposal of day-ahead market rules and supporting documents
3. Procedure and criteria for selection of a service provider of trading and clearing platform for a day-ahead market operations
4. The draft balancing rules and supporting documents

RESULTS

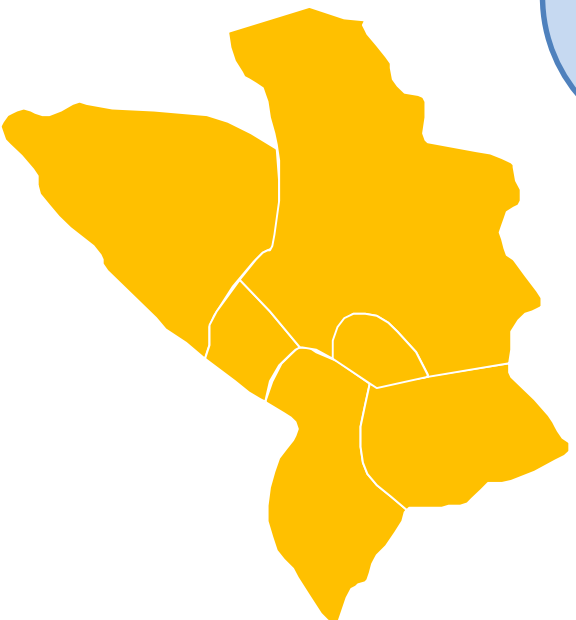
1. An electricity market operator (MEMO) was established in 2018
2. MEMO was licensed and put into operation as of 1 October 2019
3. TSO adopted new balancing rules, effective from 1 July 2019

WESTERN BALKAN 6

Total budget: 527.600 EUR

Total number of TAs: 5

- spot market: 1
- balancing: 0
- capacity calculation: 1
- cross-cutting: 2



ACTIVITY

1. TA to the implementation of a regional day-ahead market (supporting WB6 DA MI PSC)
2. TA to the implementation of regional cross-border balancing (supporting WB6 XB PSC)
3. TA to the implementation of regional coordinated capacity calculation
4. TA to optimization of trading strategies in incumbent power producers
5. TA to the functional unbundling of DSOs

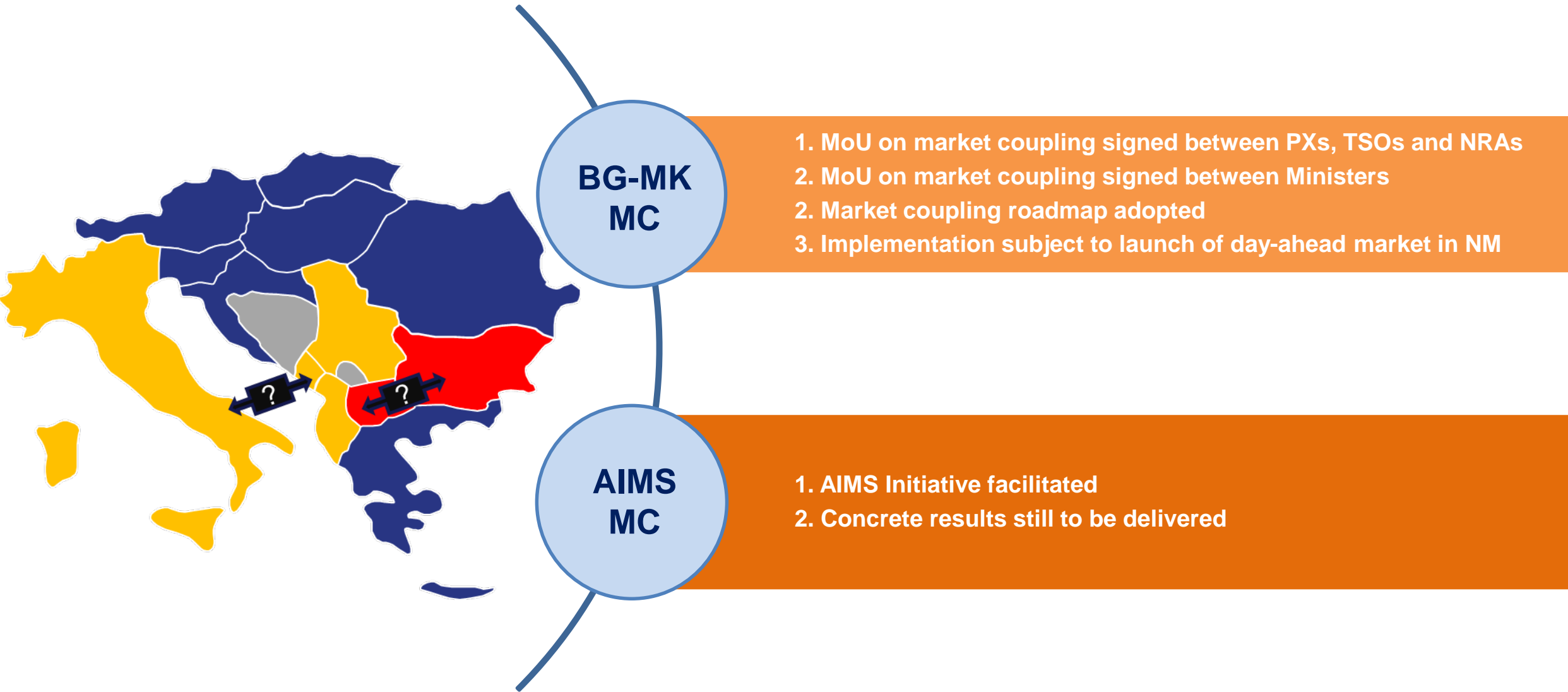
OUTPUT

1. Legal framework for day-ahead market coupling
2. Market coupling initiatives facilitated
3. Legal framework, model and roadmap for cross-border balancing
4. Methodology for a capacity calculation in shadow CCR 10 region
5. Manual for electricity trading
6. Manual for DSO unbundling

RESULTS

1. EU-non-EU market coupling pilot projects for an early implementation of CACM regulation established
2. ECRB Recommendation on NEMO designation adopted
3. ECRB Recommendation on capacity calculation proposed
4. Cross-border balancing cooperation on bilateral basis and within and among LFC blocks strengthened

EU-WB6 Market Coupling Pilot Projects



**BG-MK
MC**

1. MoU on market coupling signed between PXs, TSOs and NRAs
2. MoU on market coupling signed between Ministers
2. Market coupling roadmap adopted
3. Implementation subject to launch of day-ahead market in NM

**AIMS
MC**

1. AIMS Initiative facilitated
2. Concrete results still to be delivered

Roadmaps for balancing integration of WB6 and into EU platforms

		Year	2019												2020												2021												2022						
		Month	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6
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Accession to IGCC																																													
EMS	Technical		Testing												Go-live																														
	Contractual		Light AA												MLA																														
CGES	Technical		SCADA ready												Testing												Go-live																		
	Contractual		Observers												Light AA												MLA																		
NOS BiH	Technical		SCADA ready												Testing												Go-live																		
	Contractual		Observers												Light AA												MLA																		
MEPSO	Technical		SCADA ready												Testing												Go-live																		
	Contractual		Observers												Light AA												MLA																		
OST	Technical														SCADA ready												Testing												Go-live						
	Contractual														Observers												Light AA												MLA						
KOSTT	Technical														SCADA ready												Testing												Go-live						
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		Year	2019												2020												2021												2022												2023												2024						2025		
		Month	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3																		
mFRR, WB6																																																																							
WB6 regional platform, MARI platform																																																																							
EMS	Technical		"MARI like" harmonisation												Go-live												Go-live												Full harmonisation with MARI (15-minute ISP), Testing												Go-live																				
	Contractual		Trilateral Agreement (CMO w/o margin, single plat												WB6 Agreement (CMO)												Light AA												MLA (MARI)												MLA (MARI)																				
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