

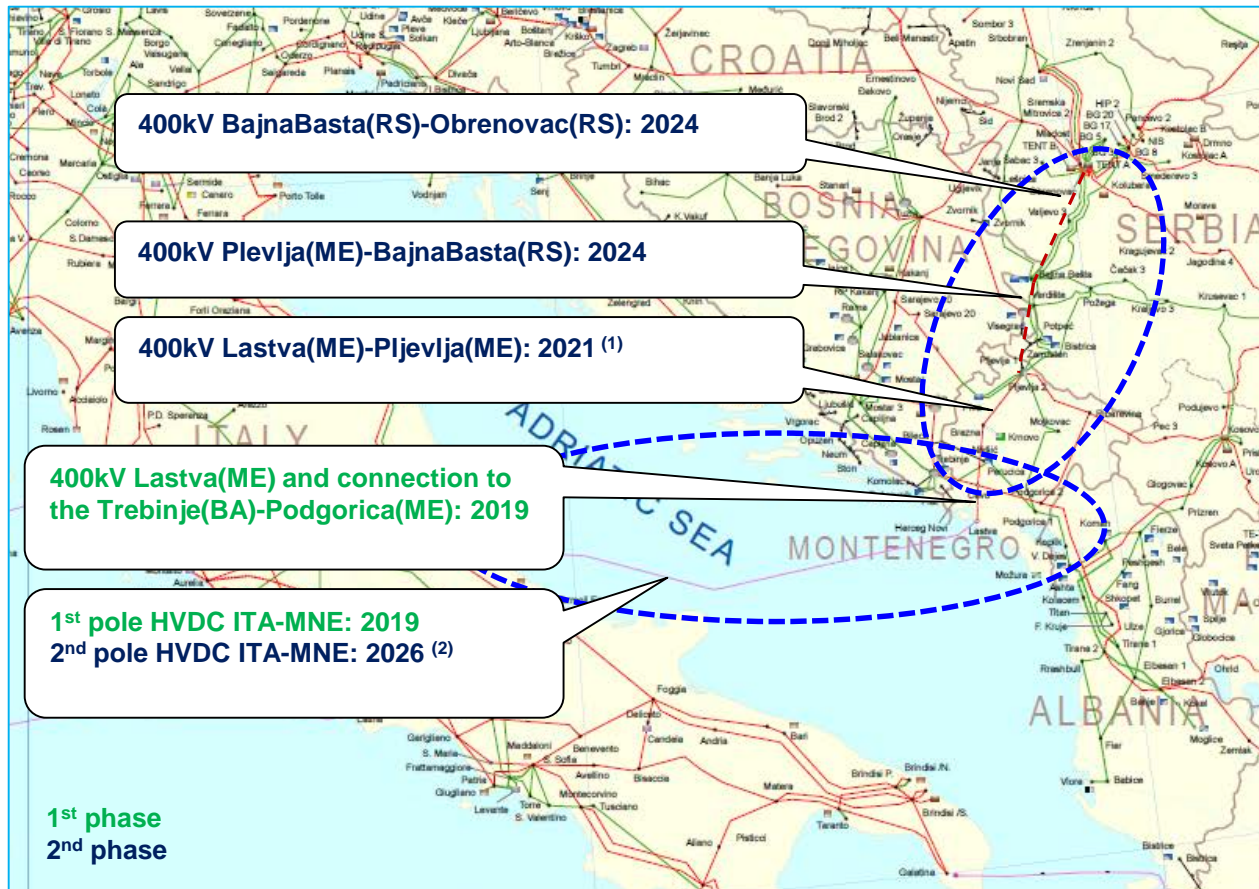

CESEC Electricity Plenary and Working Group

Italy-Montenegro interconnector

Brussels, 09/10/2019

HVDC Italy–Montenegro and trans–balkan corridor

Overview (source: TYNDP of ENTSOE)



Main Benefits:

- increasing the security of supply
- increasing the amount of RES integrated
- reducing the price spread between the connected market areas

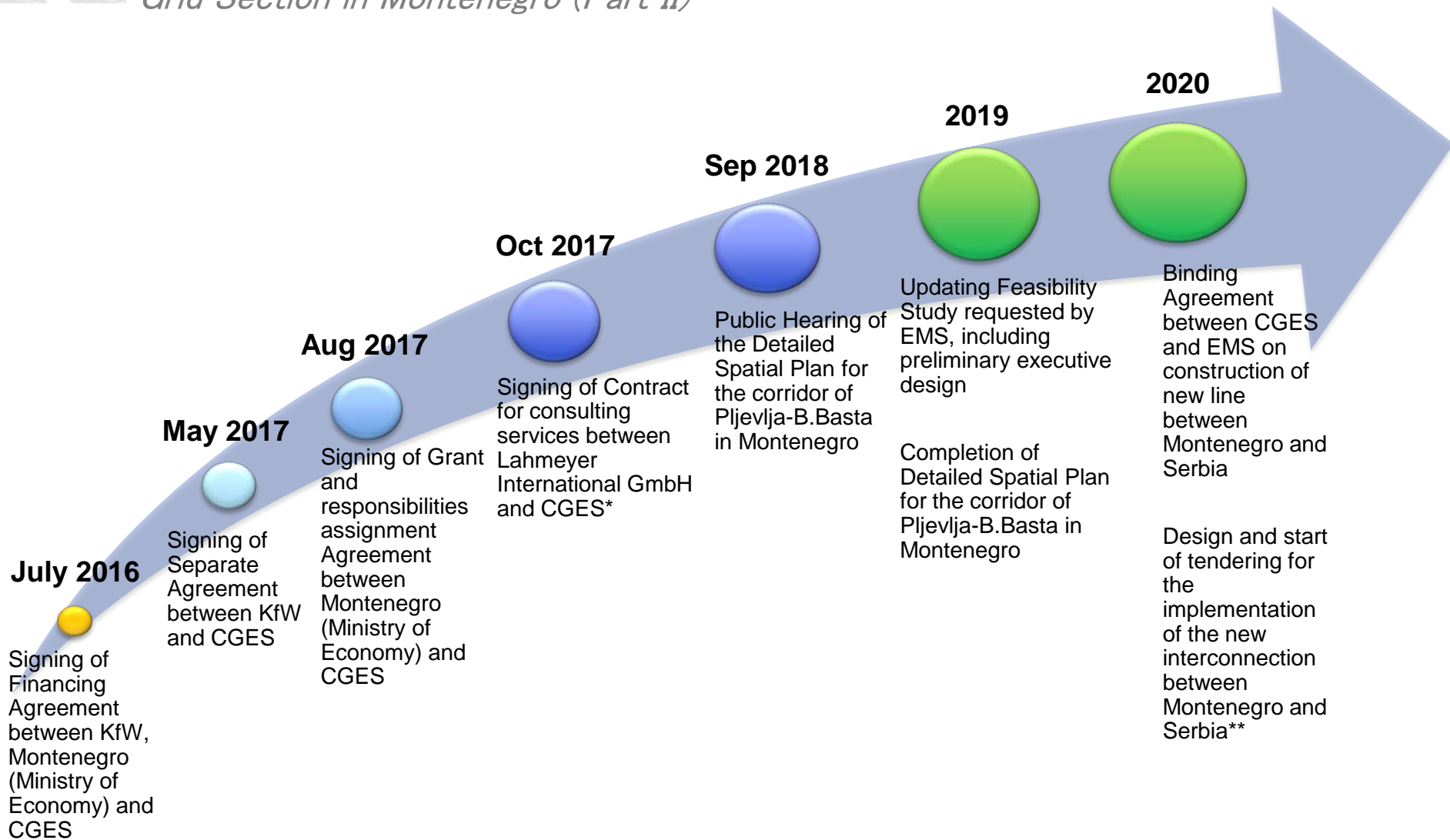
(1) Commissioning date according to CGES updated plan is 2021

(2) Subject to realization of the Trans-Balkan corridor and implementation of the Market Coupling of Montenegrin system with the Balkans.

More in detail, the condition established in the Project Coordination Agreement signed by Terna, CGES and the Montenegrin Government is that:
the commissioning of the HVDC interconnection 2nd pole will occur not later than 5 years after the (i) execution of a binding agreement for the realization of the new interconnection between Montenegro and Serbia and (ii) market coupling of Montenegrin and at least one neighboring electricity market

Overview on Trans-Balkan Corridor

Grid Section in Montenegro (Part II)



(*) the other activities (different by Pljevlja-B.Basta) financed by EU grant are ongoing as planned

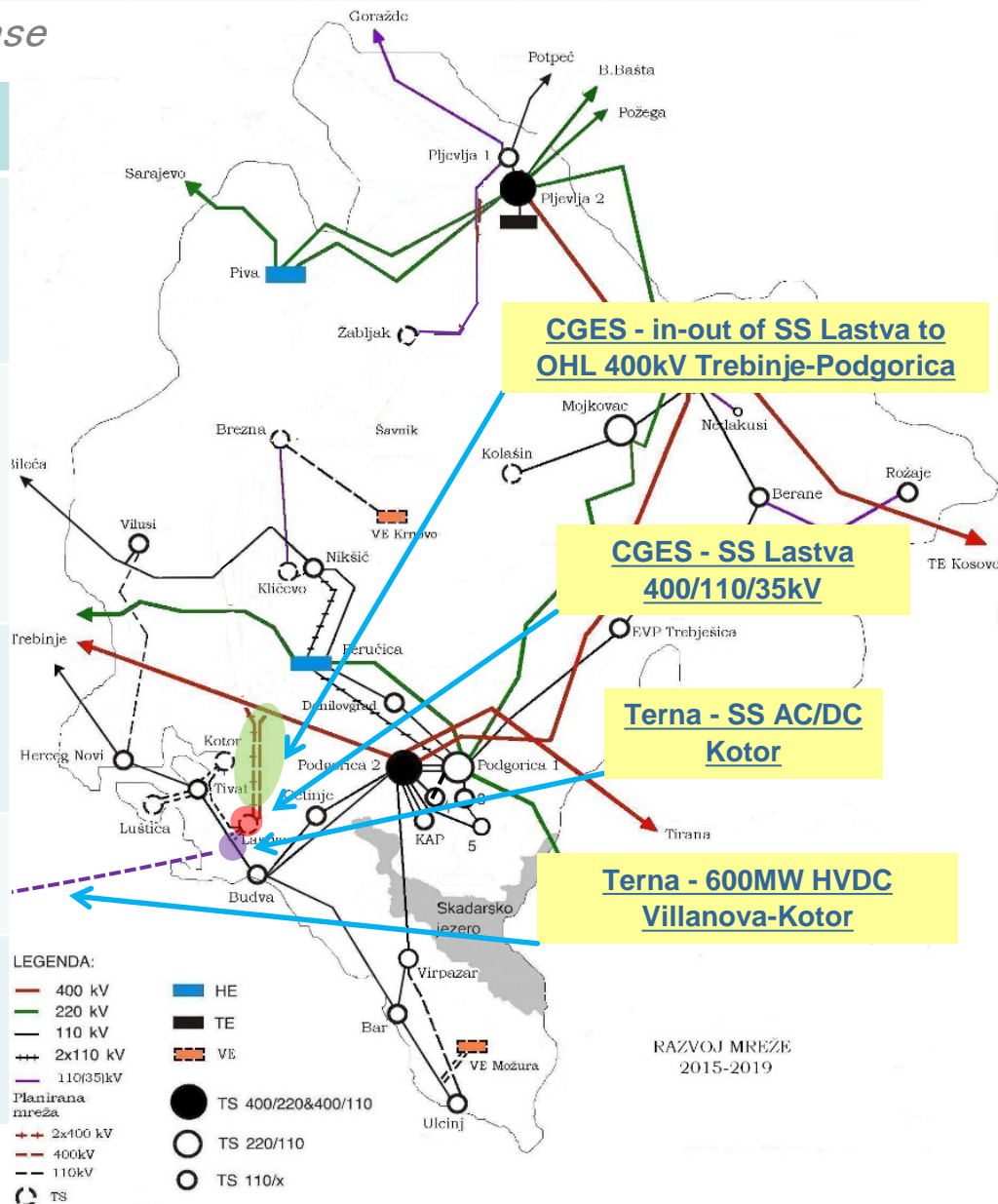
(**) subject to signature of the Binding Agreement on asset implementation

BACKUP

HVDC Italy–Montenegro and trans-balkan corridor

Overview on Montenegro – 1st phase

TSO	Asset	Progress Status	Comments
Terna	SS AC/DC Villanova	100%	Completed both 1 st and 2 nd modules. Testing of HVDC infrastructure is ongoing.
Terna	Submarine and underground cable 600MW (1st pole)	100%	Installation of the 1 st pole cable is complete, as well as the electrodes. Testing of HVDC infrastructure is ongoing.
Terna	SS AC/DC Kotor	100%	Completed both 1 st and 2 nd modules. Testing of HVDC infrastructure is ongoing.
CGES	SS 400/110/35kV Lastva	100%	Commissioning started in 2017 and finished in 2018
CGES	in-out of SS Lastva to OHL 400kV Trebinje-Podgorica	100%	The overhead line is in trial operation from April 2019



HVDC Italy–Montenegro and trans–balkan corridor

Overview on Montenegro – 2nd phase

TSO	Asset	Progress Status	Comments
Terna	Submarine and underground cable for further 600MW (2nd pole)	/	Realization of the 2 nd pole cable subject to the implementation of Transbalkan corridor and market coupling
CGES	OHL 400kV Lastva-Pljevlja	85%	Commissioning date according to CGES updated plan is 2021
CGES	OHL Pljevlja-B-Basta	/	<ul style="list-style-type: none"> Detailed Spatial Plan in Montenegro is ongoing and is expected to be issued by the end of 2019. The implementation of the project is subject to the results of the update of the Feasibility Study requested by EMS

