



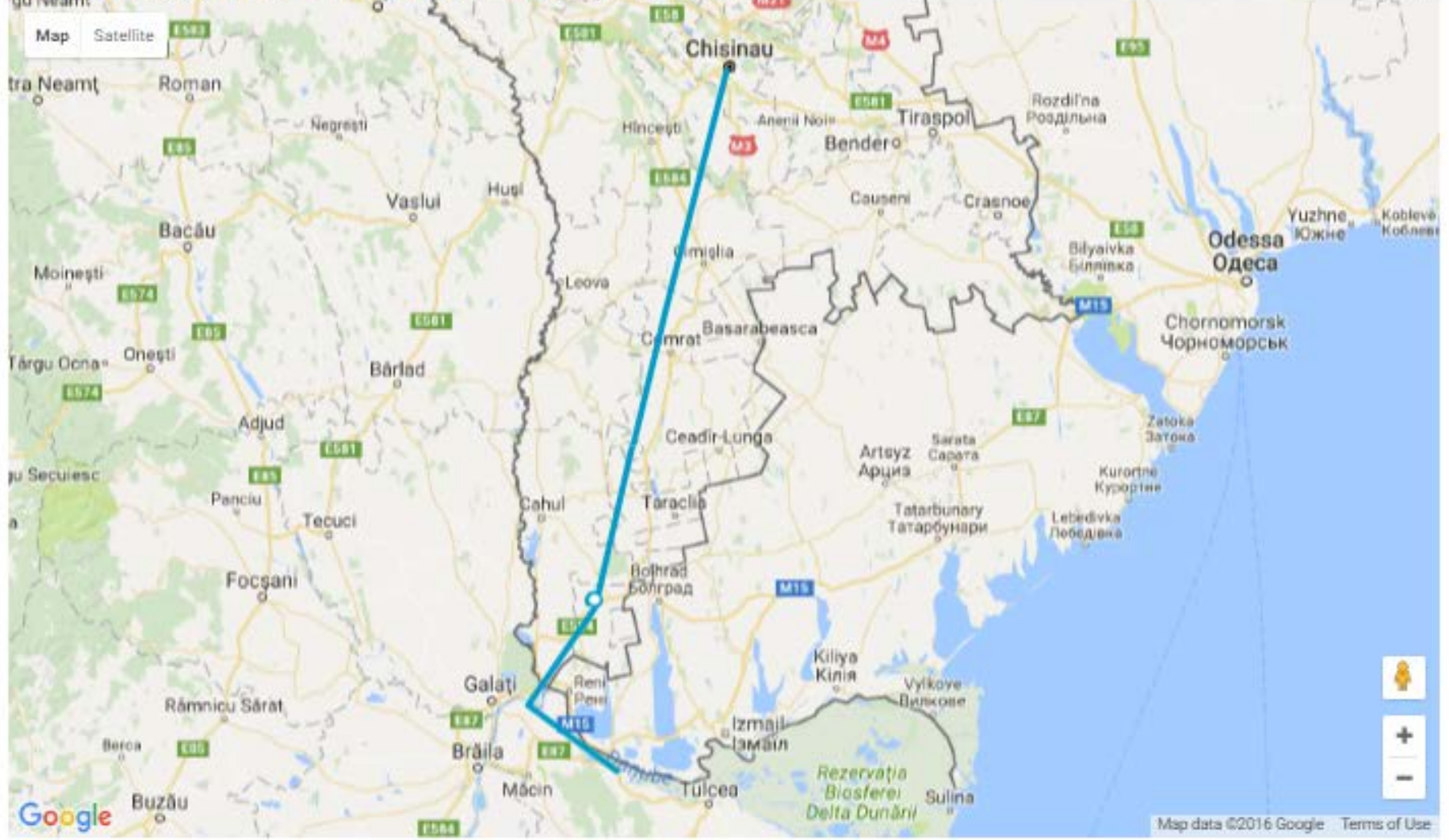
STATE ENTERPRISE MOLDELECTRICA

**ELECTRICITY INFRASTRUCTURE
PROJECTS - 400 kV OHL Vulcanesti
(MD) - Issacea (RO) and new 400 kV
OHL Vulcanesti (MD) Chisinau (MD)**

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Energy Community PLIMA - Project Library & Interactive Map Application



Main Vulcanesti-Isaccea Project components:

- Back to Back station in Vulcanesti (MD) 2x300 MW (inserted in the existing 400kV over head tie line Isaccea (RO)- Vulcanesti (MD));
- OHL Vulcanesti-Chisinau 400kV will be build around 158km;
- New 400kV switchyard at Substation Chisinau (MD) will be build;
- The existing 330kV Substation Chisinau (MD) will be extended with 400/330/38,5kV transformer 630 MVA

Main Vulcanesti-Isaccea Project technology used:

- Back to Back station in Vulcanesti 2x300 MW VSC technology;
- OHL Vulcanesti-Chisinau 400kV double circuit towers with one circuit build.

Investments costs and costs breakdown

| Component | Mil. Euro |
|---|------------|
| <i>Vulcanesti Back to Back Substation</i> | 180 |
| <i>Vulcanesti- Chisinau 400kV OHL</i> | 45 |
| <i>Upgrade of Chisinau substation</i> | 14 |
| <i>Extension of Vulcanesti substation</i> | 2 |
| Total Project Cost | 241 |

Current status of the Project:

- 1.The full feasibility status is expected to be finished by the end of November 2017
- 2.The ESIA for OHL 400 kV Vulcanesti-Chisinau is published, public consultations are planned for end of October 2017.
- 3.The final financing model is to be decided by end of 2017

Thank You