WEB GIS Collector

Agency for Electronic Communications
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Head of Telecommunication Department

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AGENDA

- Legal Base
- WEB GIS Collector
- Benefits

Legal base

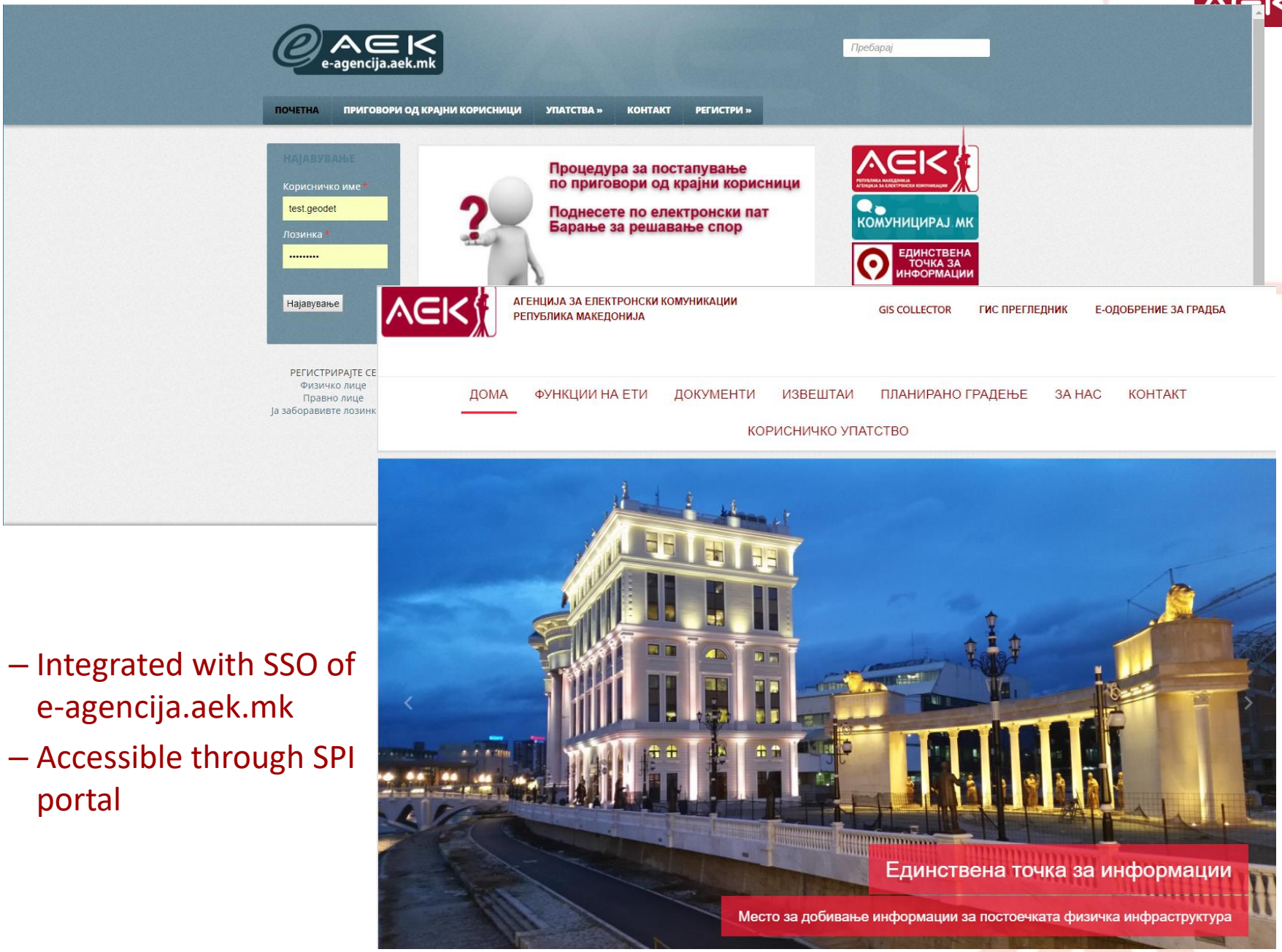
- Rulebook on the manner of construction of public electronic communications networks and accompanying assets, Official Gazette of the Republic of Macedonia, no. 170 from 7.9.2016, Article 29-a:
  - Operator shall within 30 days from the day of commencement of the use of the public electronic communications network, submit to the Agency a written notification with a geodetic report for the constructed status of an infrastructure object in shp or dxf format, as well as a short technical description of the electronic communications network and accompanying assets with a minimum set of data according to the type of electronic communication network and associated assets, in a spreadsheet format (xls, csv, xlsx).
- Guidelines for submitting data for newly constructed electronic communications network and accompanying assets

WEB GIS Collector

- Project Implemented in 2017
  - Provides full electronic data delivery for newly constructed electronic communications networks and associated facilities (ECNAF)
  - Automatically verify the correctness and completeness of the submitted data, in accordance with the Rules for submitting data for ECNAF.
  - Three User Roles – geodetic company, operator of ECNAF, employees of AEC

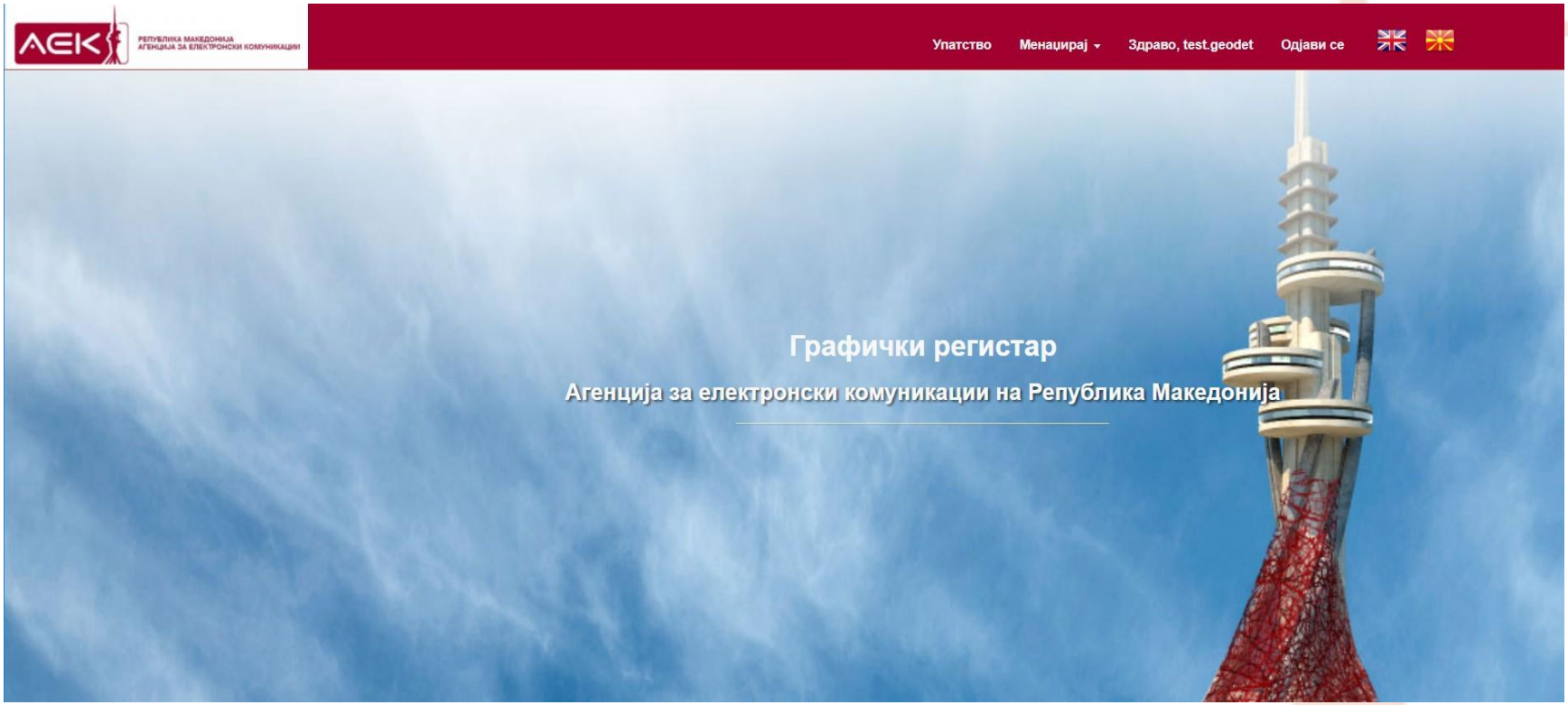
Electronic data delivery

- The system uses the same gml files that the geodetic companies prepare for enrollment in AREC
- Gml files are complemented by mandatory attribute data according to the Rulebook
- After the validation, first of all from the operator of ECNAF, and then by the AEC, the data from a temporary base is transferred to the production base of the AEC.



- Integrated with SSO of e-agencija.aek.mk
- Accessible through SPI portal

WEB GIS Collector – initial screen



User Roles

Корисничко упатство за улога геодет

Најпрвин ја отвараме страната http://91.250.81.171:8087/Account/Login во нашиот web-browser.

Во прилог ќе наведеме неколку постапки за импортирање на типови на објекти
За сите останати постапки е исто и се водиме според матрицата на внесување

1. Импортирање на Антенски столб

МЕНАЏИРАЊЕ НА ПРОЕКТ

Откако ќе избереме менаџирај проект се отвара прозор дијалог со 2 мениа:

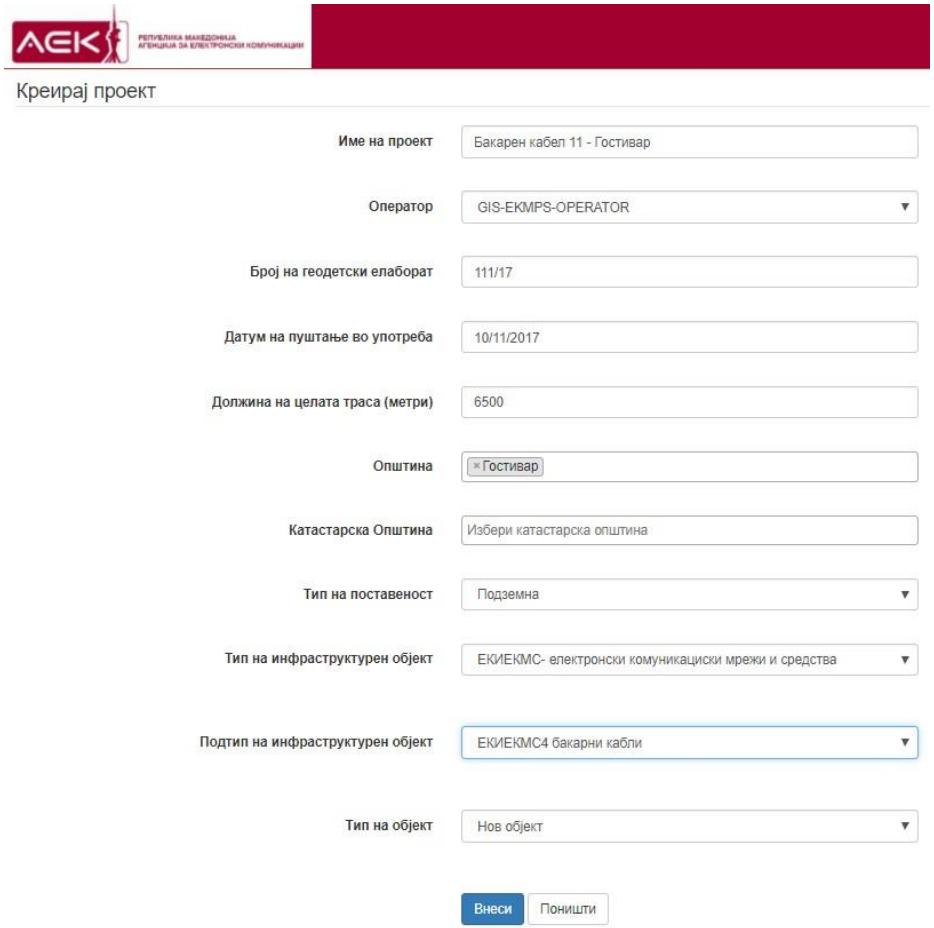
-Креирај нов проект (за отварање на нов проект)

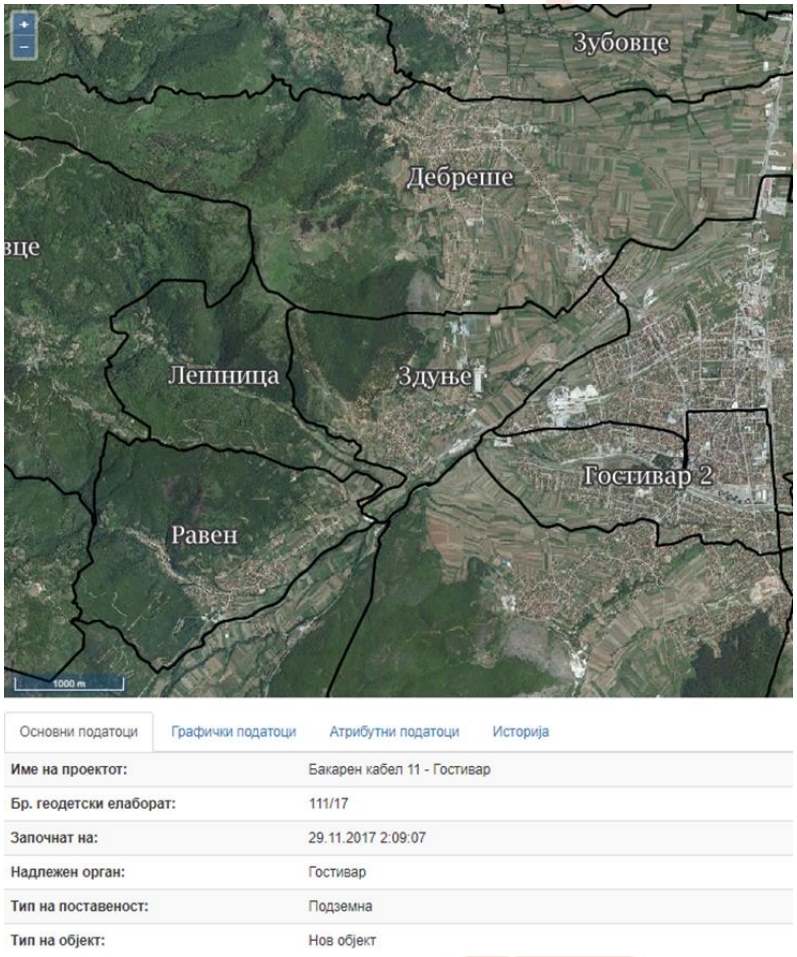
-Креирајте проект или изберете некој од постоечките (изирање на некој веќе постоечки проект)

- Geodetic company
- Operator of ECNAF
- Employees of AEC

Geodetic Company …

Creates a new project





Associates spatial and attribute data

Основни податоци | Графички податоци | Атрибутни податоци | Историја

Бакарни кабли - линии

Бакарни кабли - точки

Choose File | No file chosen

BakarniKabliTocki_efabf625-20a... Zoran Dervisov

File | Home | Insert | Page Layc | Formulas | Data | Review | View | Nitro Pro | Team | Tell me | Share

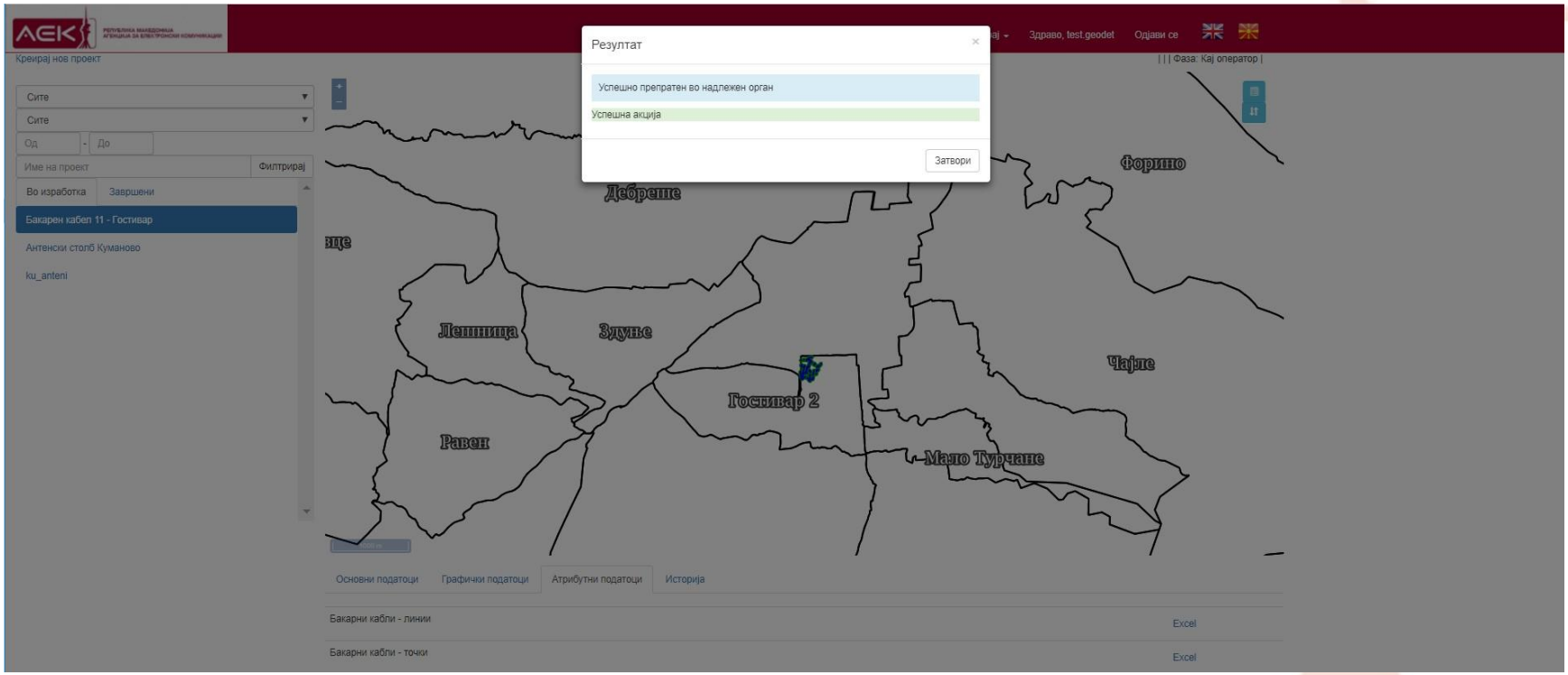
H20 | 527,17

	A	B	C	D	E	F	G	H	I
1	ogc_fid	fid	id	id_u	id_comp	id_point_a	id_comp_al	h_obj	h_te
2	4845	UID.285	2000046	0	402600000013	285	7	527,18	527,
3	4844	UID.284	2000046	0	402600000013	284	6	527,19	527,
4	4843	UID.283	2000046	0	402600000013	283	5	527,2	527,
5	4842	UID.282	2000046	0	402600000013	282	4	527,24	527,
6	4841	UID.281	2000046	0	402600000013	281	3	527,08	527,
7	4840	UID.280	2000046	0	402600000013	280	2	527,05	527,
8	4839	UID.279	2000046	0	402600000013	279	2	527,15	527,
9	4838	UID.278	2000045	0	402600000013	278	7	527,15	527,
10	4837	UID.277	2000045	0	402600000013	277	6	527,05	527,
11	4836	UID.276	2000045	0	402600000013	276	5	527,17	527,
12	4835	UID.275	2000045	0	402600000013	275	4	527,09	527,
13	4834	UID.274	2000045	0	402600000013	274	3	527,11	527,
14	4833	UID.273	2000045	0	402600000013	273	2	527,18	527,
15	4832	UID.272	2000045	0	402600000013	272	2	527,21	527,
16	4831	UID.271	2000044	0	402600000013	271	7	527,21	527,
17	4830	UID.270	2000044	0	402600000013	270	6	527,18	527,
18	4829	UID.269	2000044	0	402600000013	269	5	527,12	527,
19	4828	UID.268	2000044	0	402600000013	268	4	527,11	527,
20	4827	UID.267	2000044	0	402600000013	267	3	527,17	527,
21	4826	UID.266	2000044	0	402600000013	266	2	527,25	528
22	4825	UID.265	2000044	0	402600000013	265	2	527,57	528,

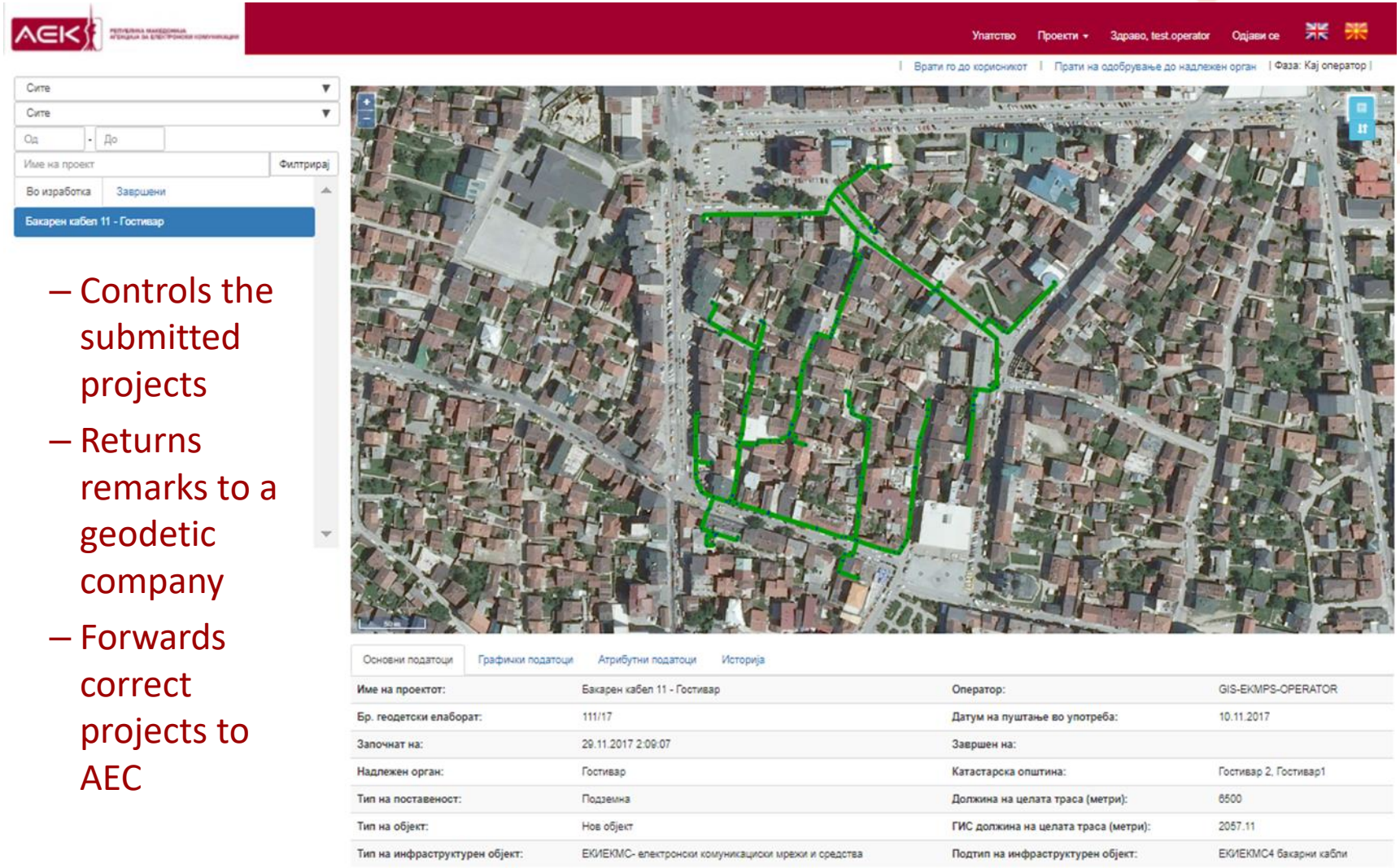
Atributi

Ready | 100%

Submits to the operator of ECNAF

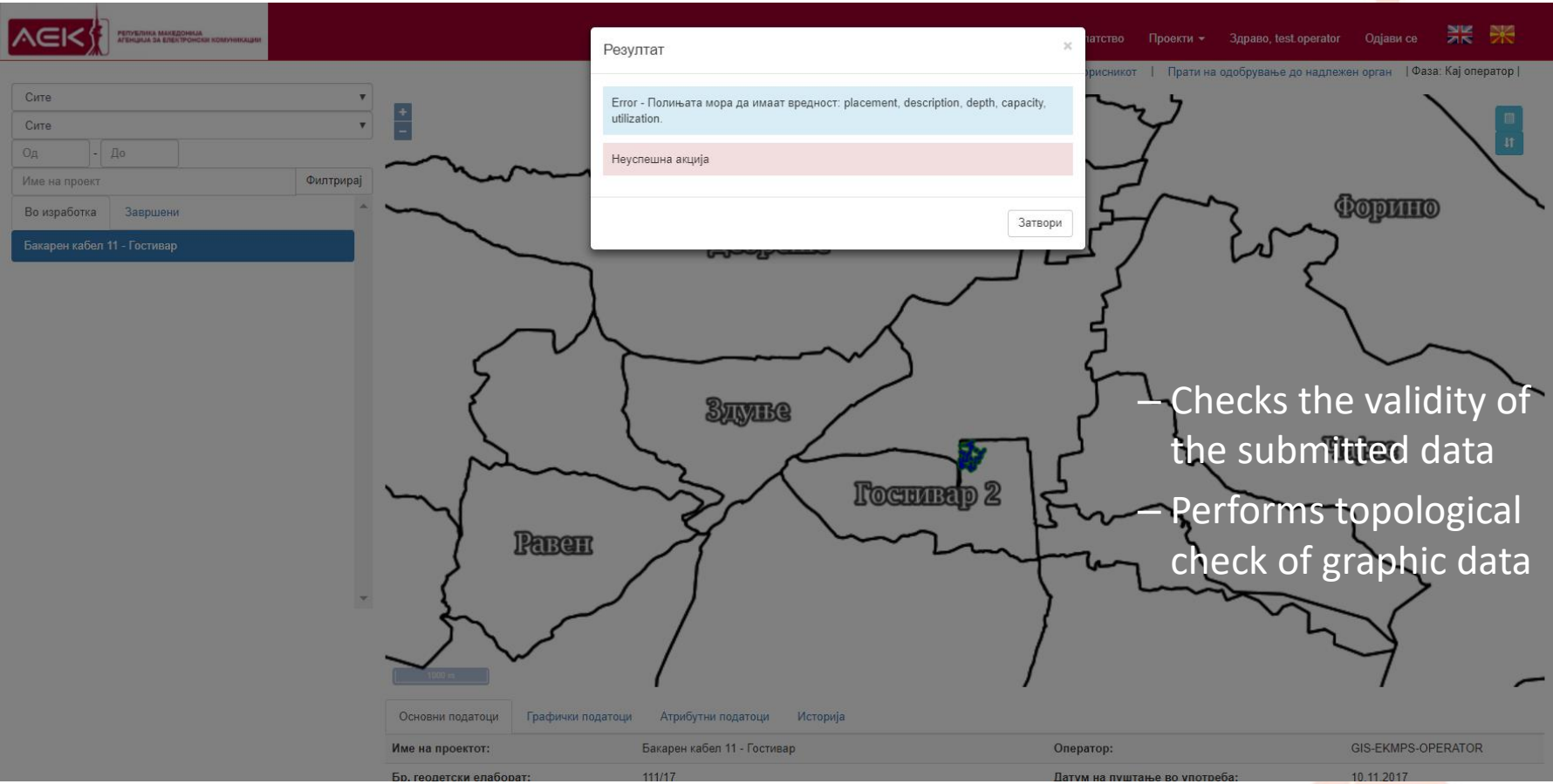


Operator of ECNAF...



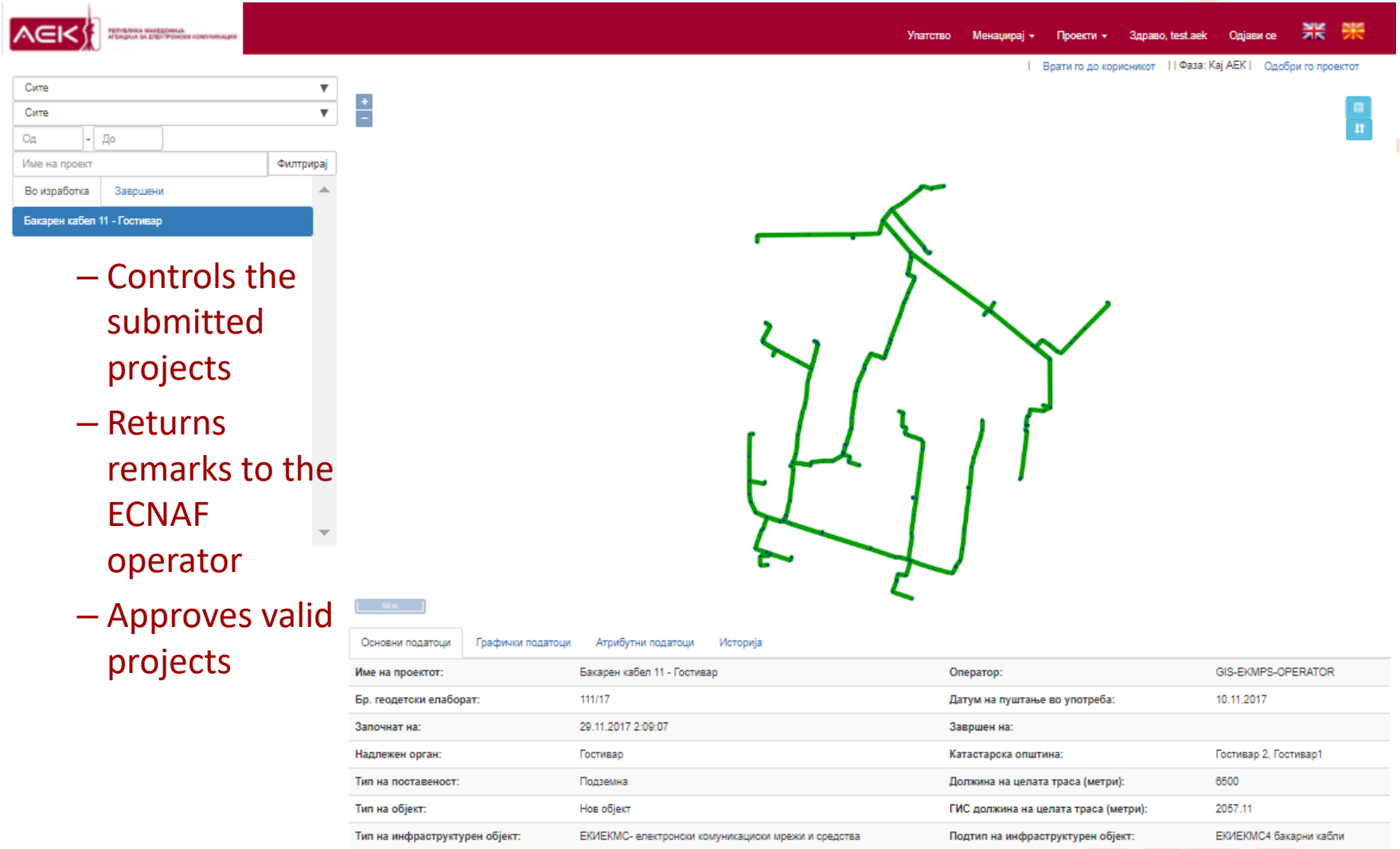
- Controls the submitted projects
- Returns remarks to a geodetic company
- Forwards correct projects to AEC

QA & QC module …



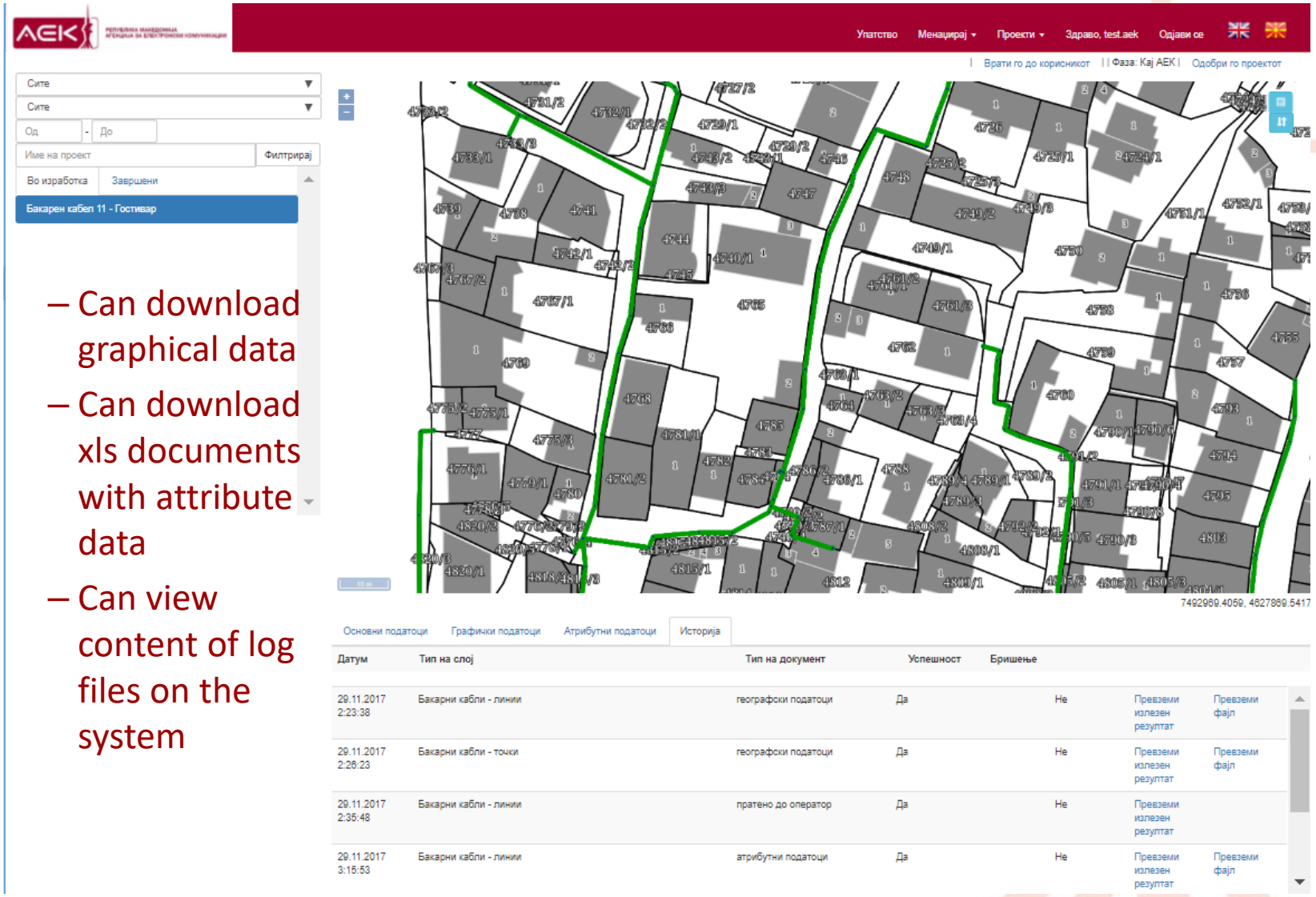
- Checks the validity of the submitted data
- Performs topological check of graphic data

Employee of AEC …



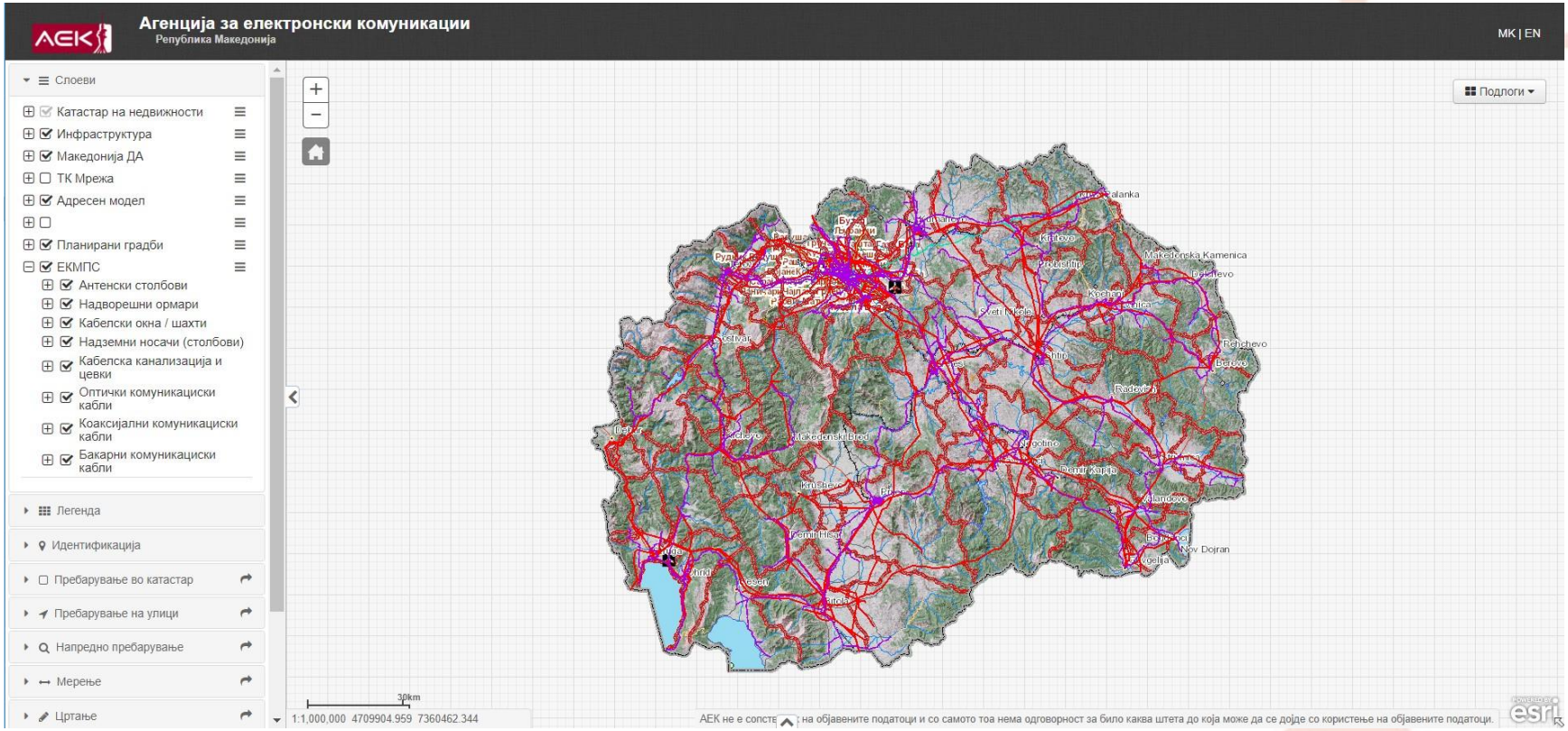
- Controls the submitted projects
- Returns remarks to the ECNAF operator
- Approves valid projects

Employee of AEC …



- Can download graphical data
- Can download xls documents with attribute data
- Can view content of log files on the system

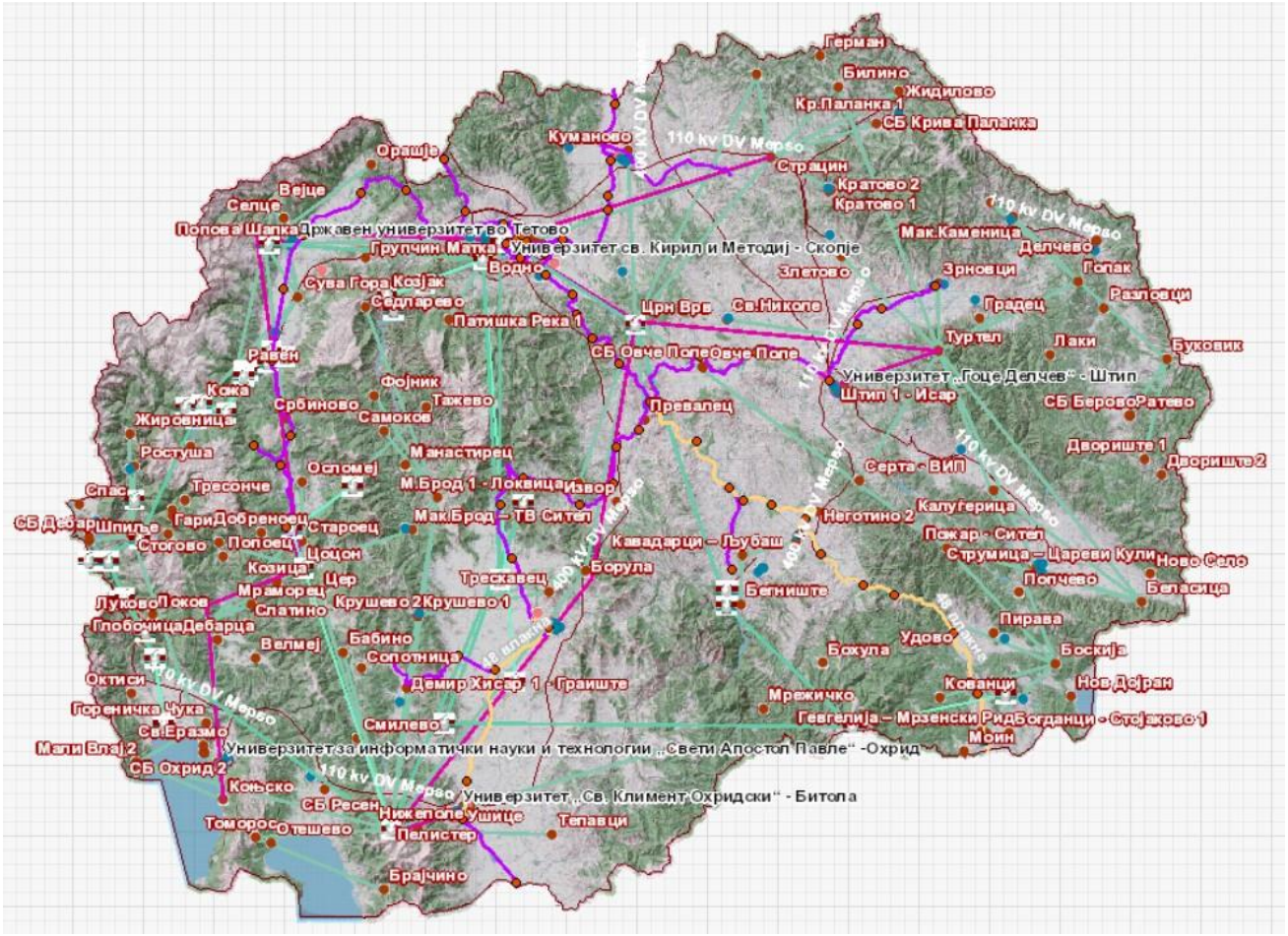
Integration with SPI …



Benefits

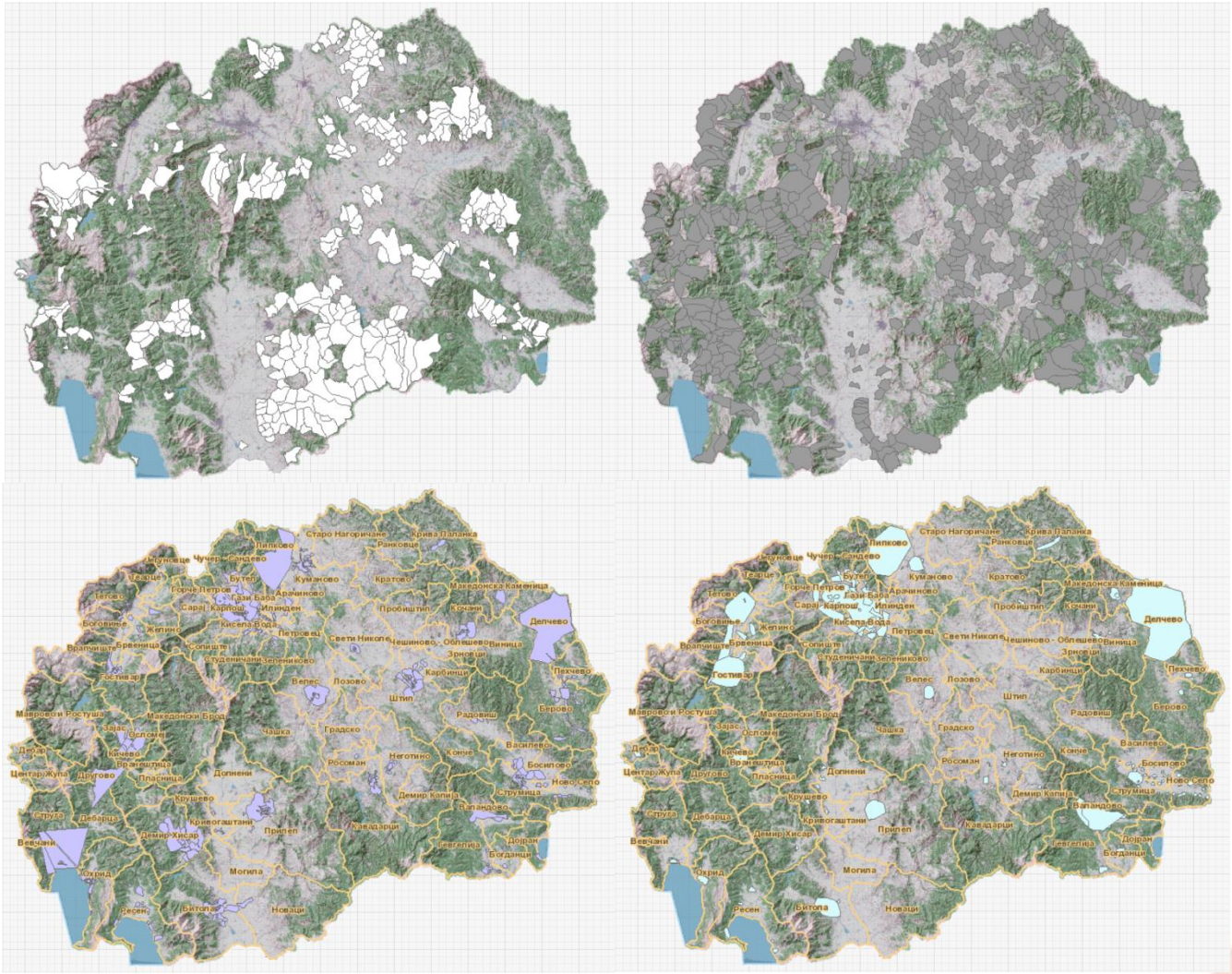
- Full automation of the data delivery process for newly constructed ECNAF
- Utilization of already prepared elaborates for enrollment of ECNAF in AREC - without additional obligations for operators
- Encouraging the joint construction and use of public electronic communications networks and associated facilities
- Protection of the infrastructure of the constructed public electronic communications networks
- Improving the utilization of the capacities of public electronic communications networks

Mapping of ECN built with public funds



- MEPSO
- ELEM
- MRD
- MARNET
- MZ

Mapping of broadband coverage …



- White zones
- Grey zones
- Existing BB coverage
- Planned BB coverage

(Still in progress …)

Thank you for your attention!

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РЕПУБЛИКА МАКЕДОНИЈА
АГЕНЦИЈА ЗА ЕЛЕКТРОНСКИ КОМУНИКАЦИИ

WEB GIS Collector / Single Point of Information
- Live presentation -

GDi DOOEL Skopje:
Marjan Golchovski / Monika Jovanova

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