

NAP development plans

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GDDKiA

Warsaw, 09 April 2018

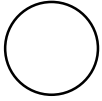


NAP – First ITS Cloud Solution

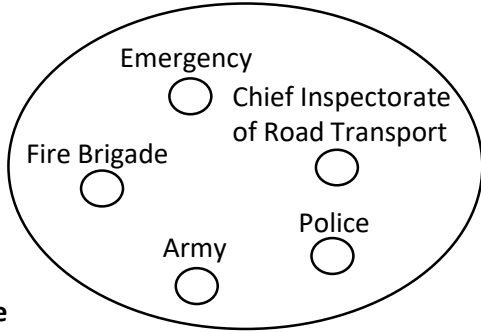
NAP 2

NAP 2 Ecosystem

Scientific institutions



Services:



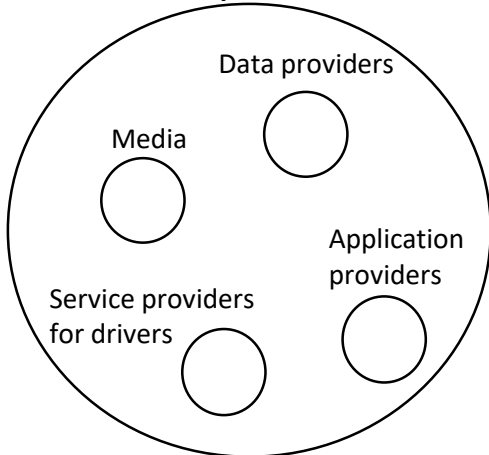
National Centre for Security



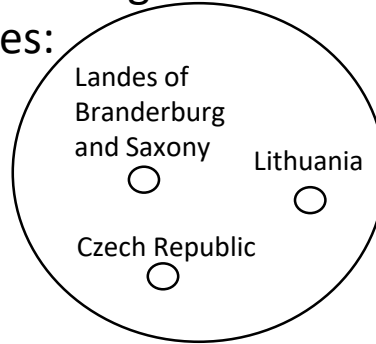
Emergency call centre



Service providers:



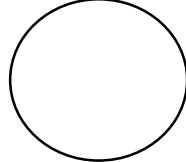
Neighbouring countries:



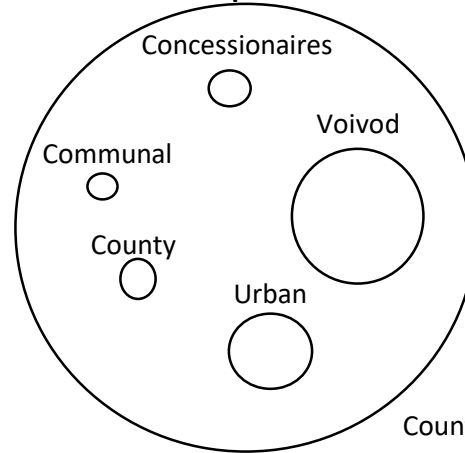
NAP



Head Office of Geodesy and Cartography



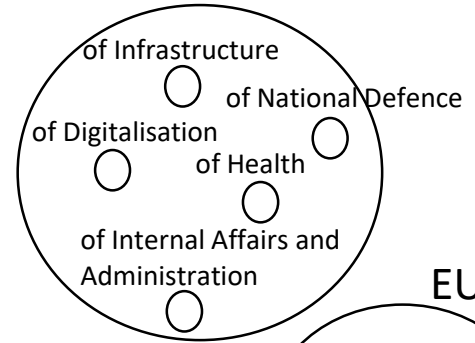
Road Operators:



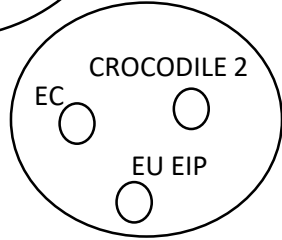
Union of Voivodships of the RP



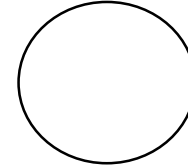
Ministries:



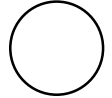
EU



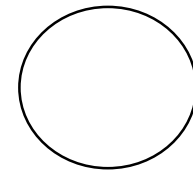
Voivodeship Marshals



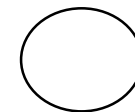
Voivods



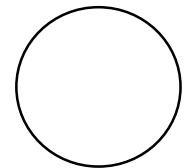
Mayors



County Executives



Cities

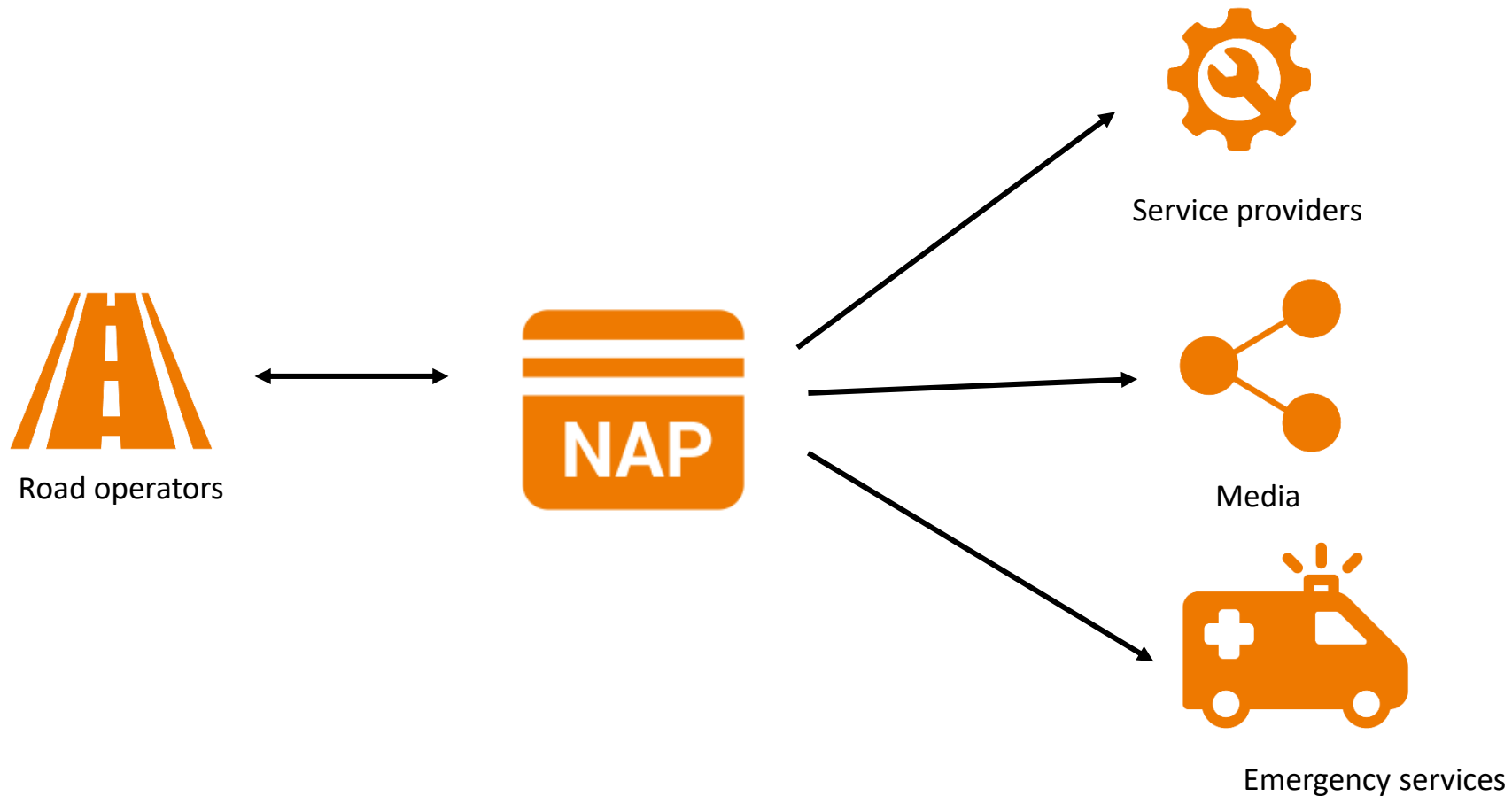


Union of Polish Counties



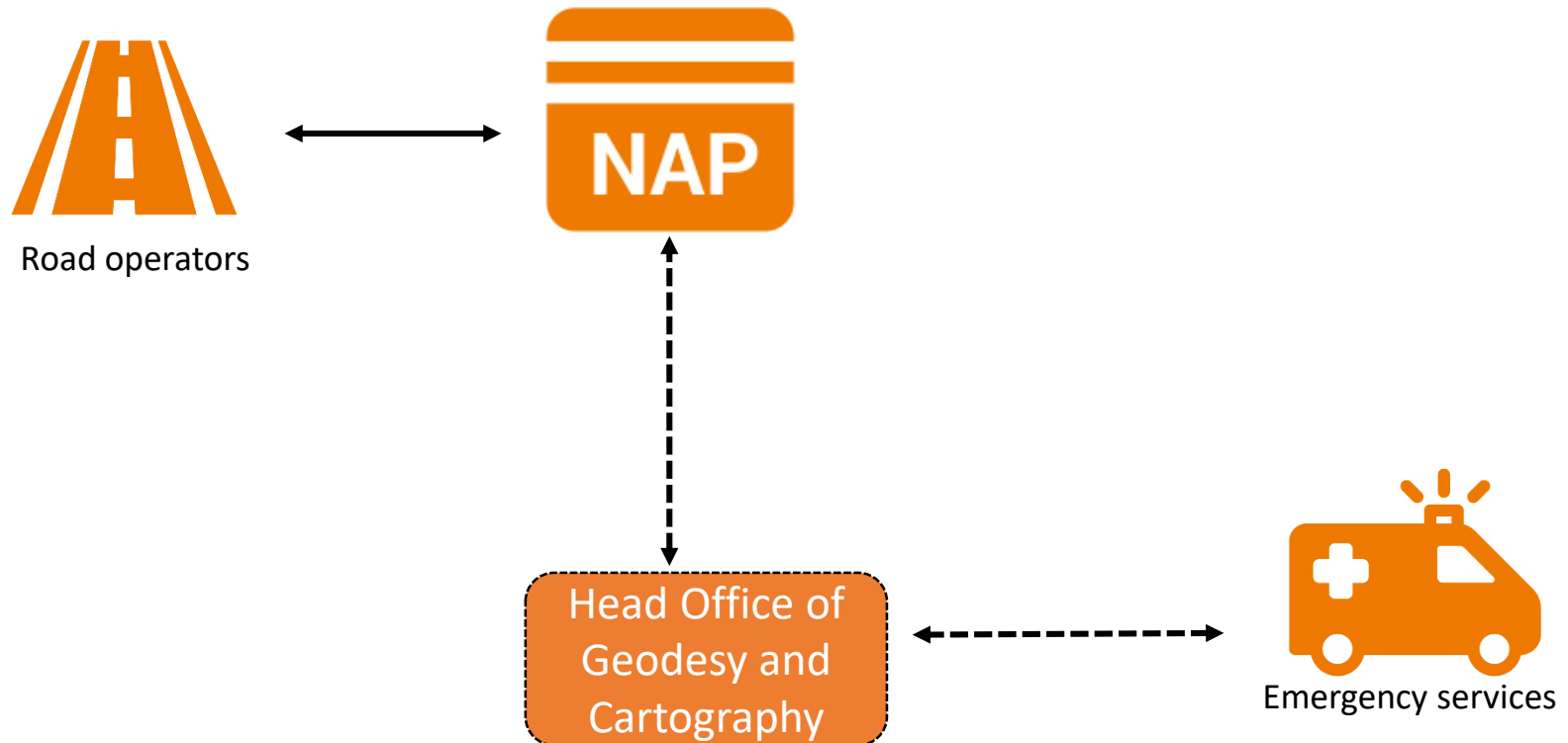
Proposed changes in NAP 2

Changes in business model



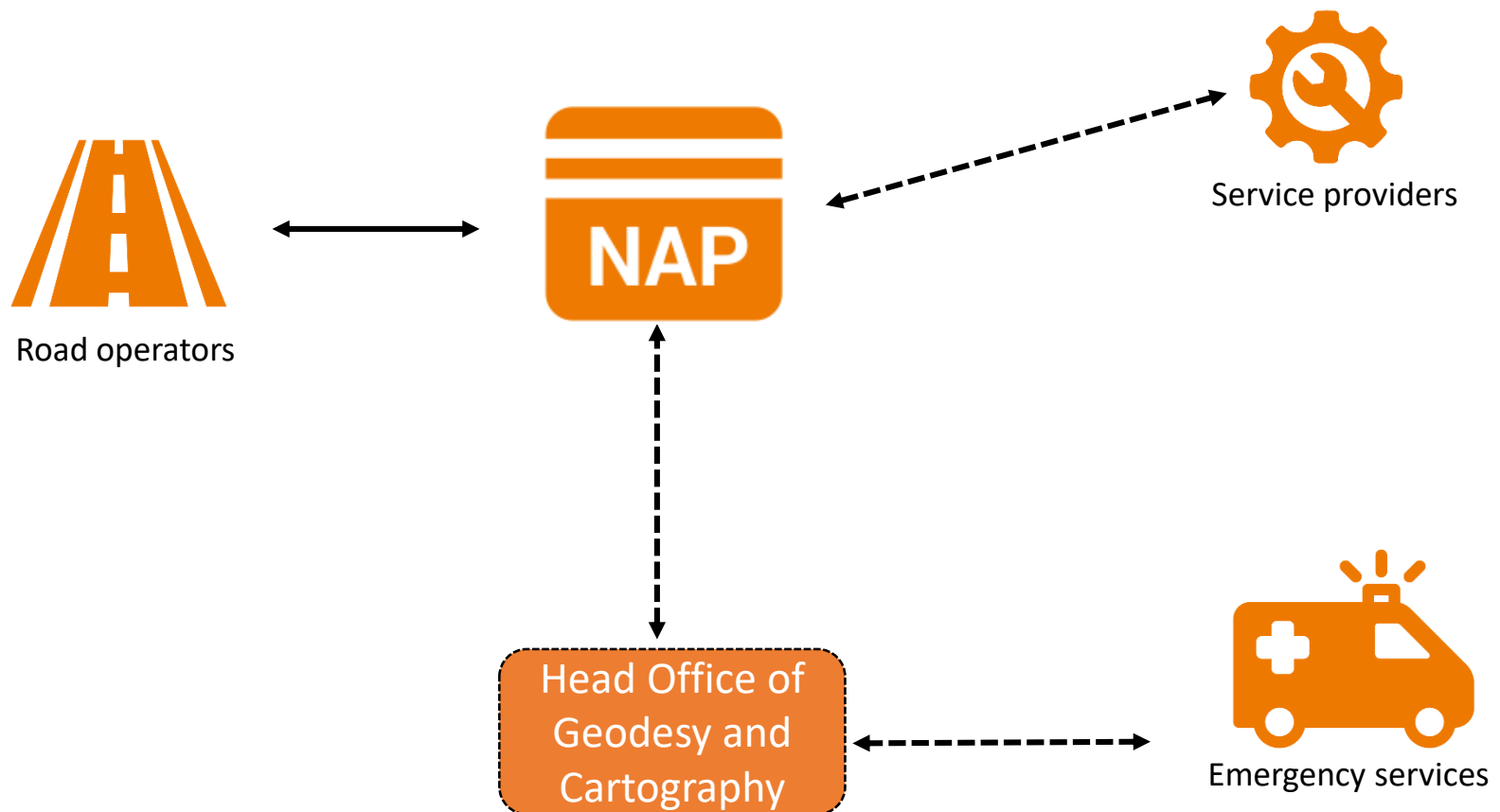
NAP 1

Changes in business model



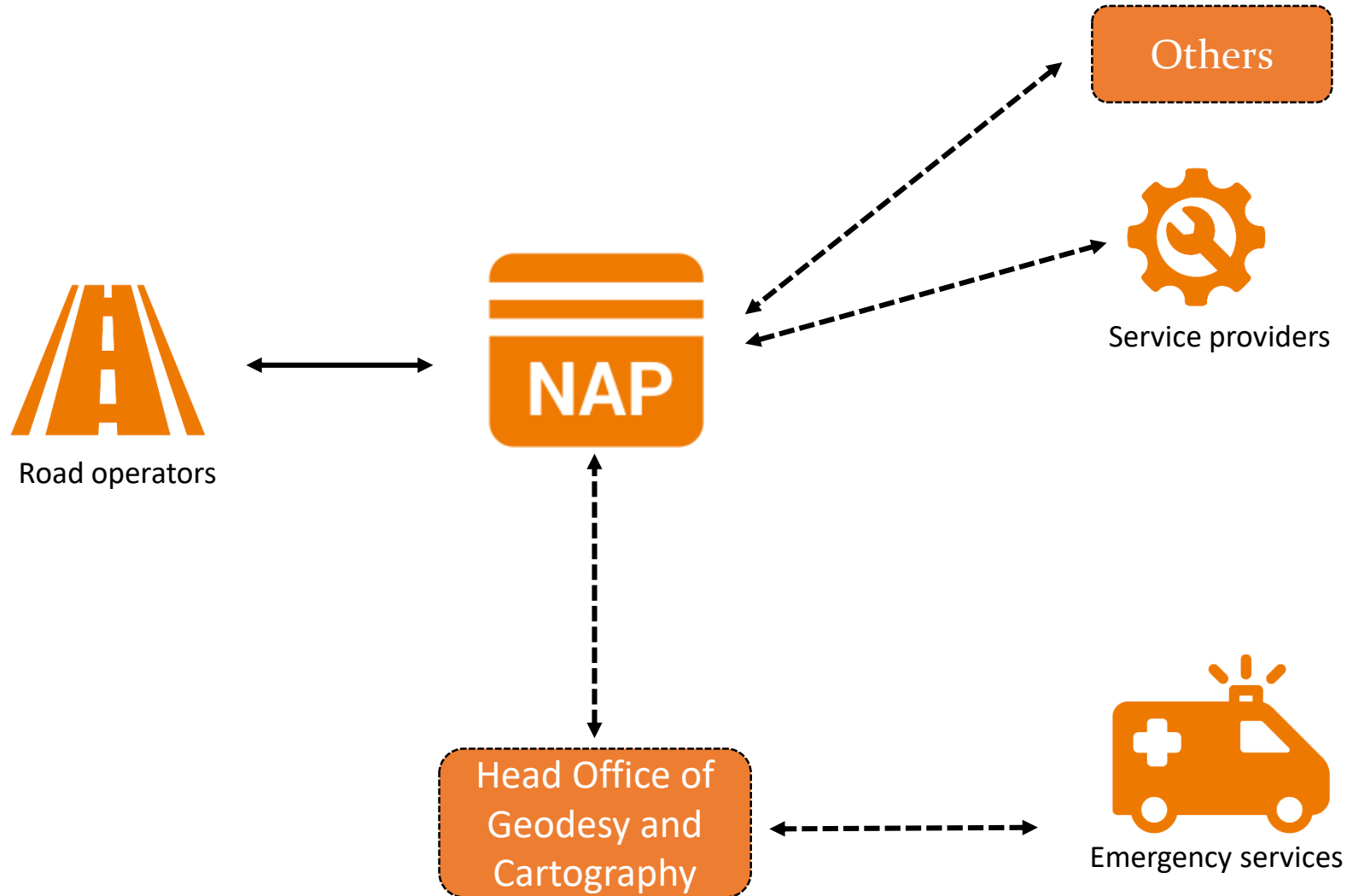
NAP 2

Changes in business model



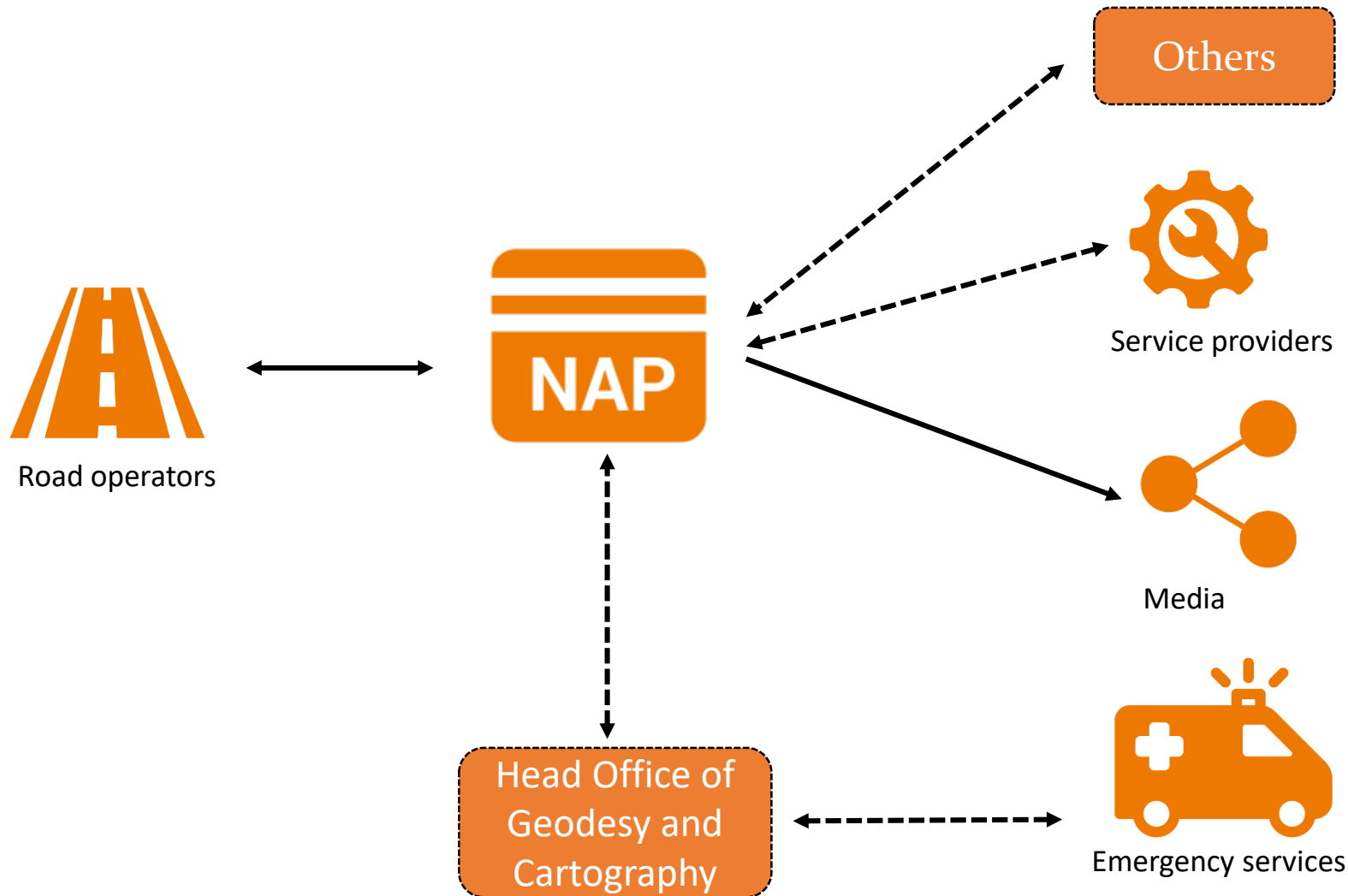
NAP 2

Changes in business model



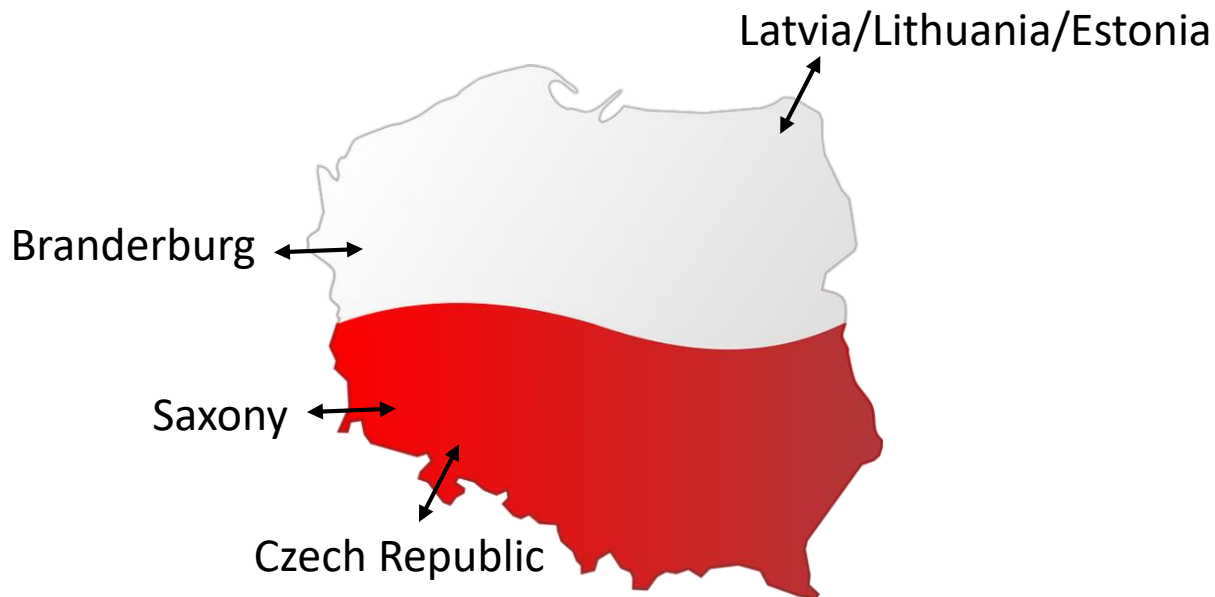
NAP 2

Changes in business model



NAP 2

International Data Exchange



Ostrava, February 2018

INFORMATION SCOPE

Informations in NAP

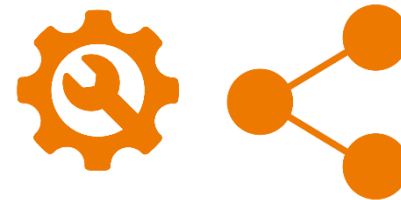
Public services

- We store all data



Enterprises

- We store information about Enterprises and their data availability
- Search engine for road data



Paperless access to NAP 2

Scope extension in NAP 2

<<use>>

<<interface>>

Dynamic Speed Limits (DSL)

+ Dynamic Speed Limits

<<interface>>

Obstacles (Obs)

- + Others
- + Road disasters
- + Objects on the road
- + Road works
- + Weather conditions
- + Accident

<<interface>>

Traffic Management Plans (TMP)

- + Time of entry
- + Contact
- + Location of ITS devices
- + Location of road signs
- + Situational Plan
- + Scenario



Scope extension in NAP 2

<<interface>>

Traffic

- + Journey time on the section
- + Traffic

<<interface>>

Tolls

- + Payment methods
- + List of toll roads
- + Pricing of road tolls

<<interface>>

Changes in the road network

- + Road numbers
- + Restrictions on access to facilities
- + Vertical gauge
- + Horizontal gauge
- + Changing the network graph



Need analysis

Technical dialogue

- Flexible agreement
- Survey of existing software

Surveys

- WWW surveys

Meetings



BENEFITS FOR MUNICIPALITIES

Benefits for municipalities

If you specify traffic management system:

- do not order traffic information applications– NAP will ensure that every user will have your information
- NAP will give you free of charge application for traffic incidents management

90% of search goes through Google services.

Smart Insights report



Map with traffic incidents for every municipality

Region: Slovenija Size (width): middle (468px) For domain: mojaGmina.pl

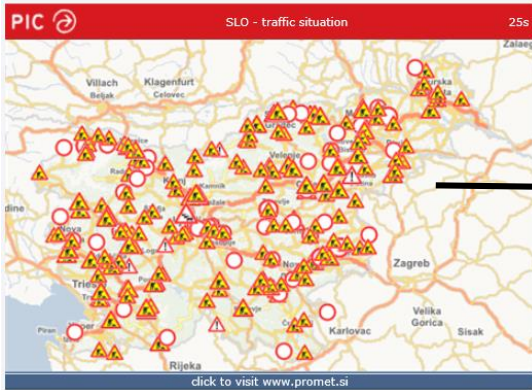
Include roadworks

enter your domain
(for example www.mydomain.com)

Generate

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<div id="__rPrometSiReservedGlobalContainerDivId_b0afa146-71c9-45e8-a61b-5aad092c241"></div>
<script type="text/javascript">var __rPrometSiReservedGlobalTaskObj={v:1, id:"b0afa146-71c9-45e8-a61b-5aad092c241", w:468, h:293, lng:"en_US",
eq:"48886E8053069CD1C9D30526C389CC4F9649405A40EBA65E2EC865B096B156972EC390D2CE68557D625A27F6"}</script>
<script src="https://www.promet.si/dc/public.map.code" type="text/javascript"></script>
```

Preview



click to visit www.promet.si

After the click on the map user will be redirected to the original NAP website (kpd.gddkia.gov.pl)

Promet.si

kpd.gddkia.gov.pl