Lik enne Vira Sto

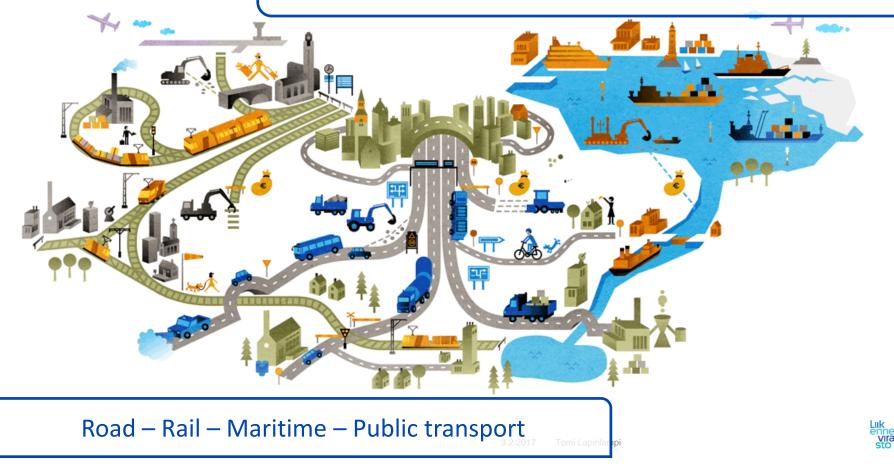
Finnish Transport Agency

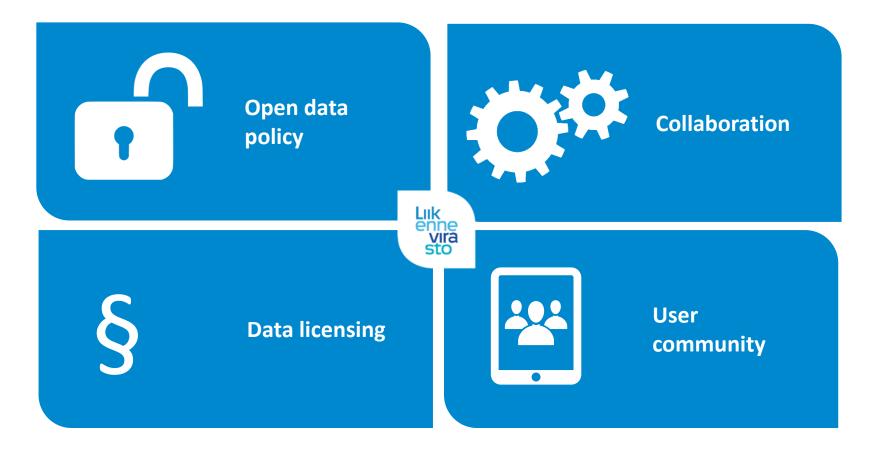
Today's limits on availability and accessibility of open data

Tomi Lapinlampi

3.2.2017

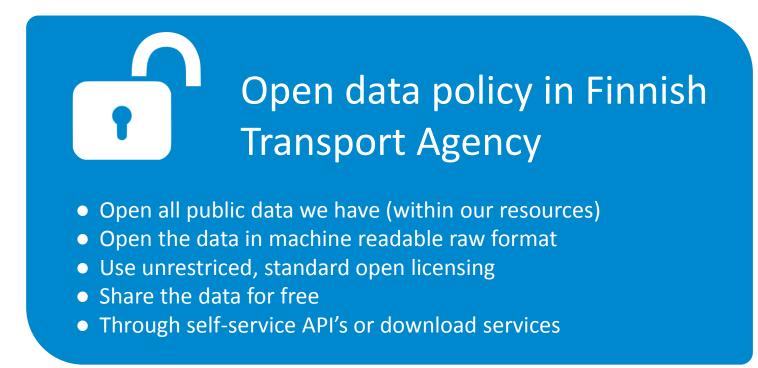
Finnish Transport agency







In Finland since 1999: Act on the Openness of Government Activities





S Data licensing gives legal confidence to users

We use Creative Commons 4.0 BY license for all our open datasets





User community is willing to share their best ideas – for free

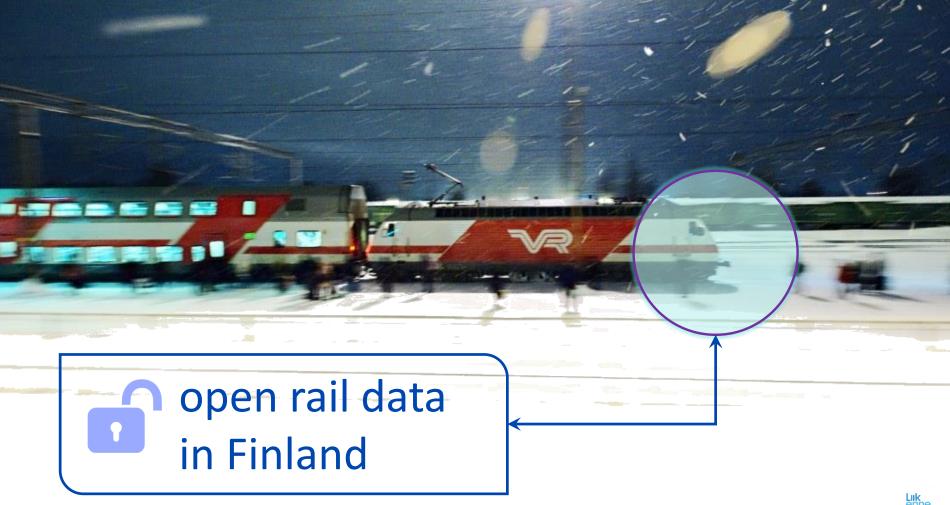




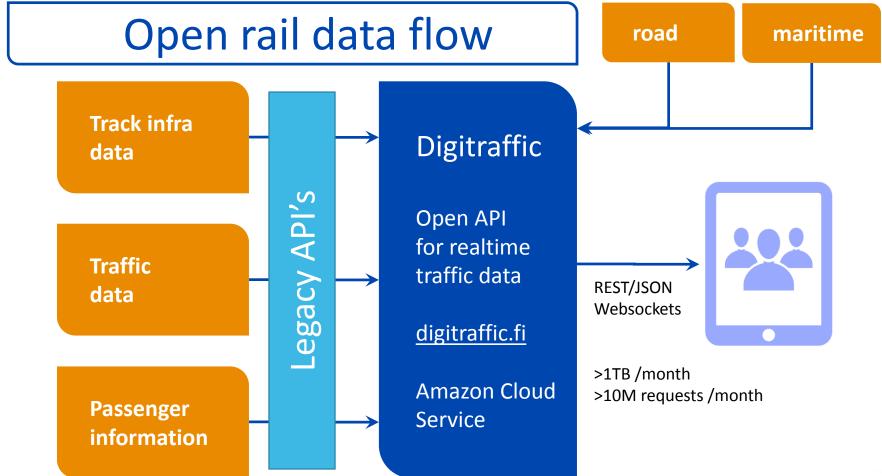
Instead of simple downloads, we create API services with realtime open data

API = Application Programming Interface











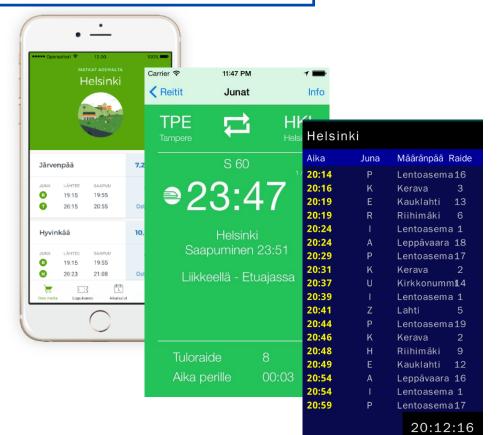
Benefits of open rail data

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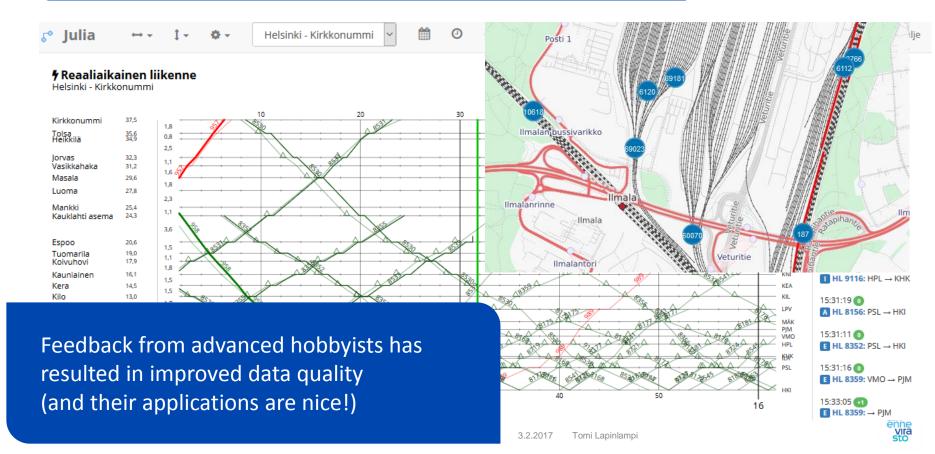
Enables fast development

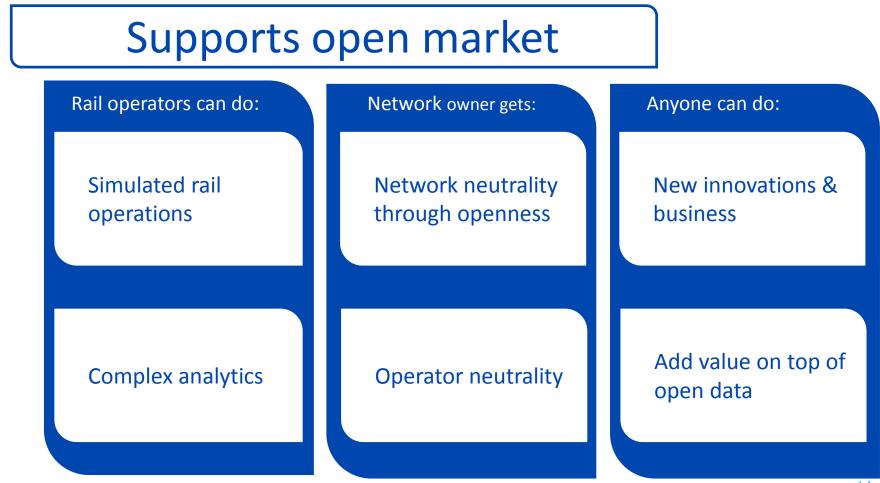
Simple mobile apps with passenger information are quick and easy to create. First applications appeared a few hours after API release in 03/2015



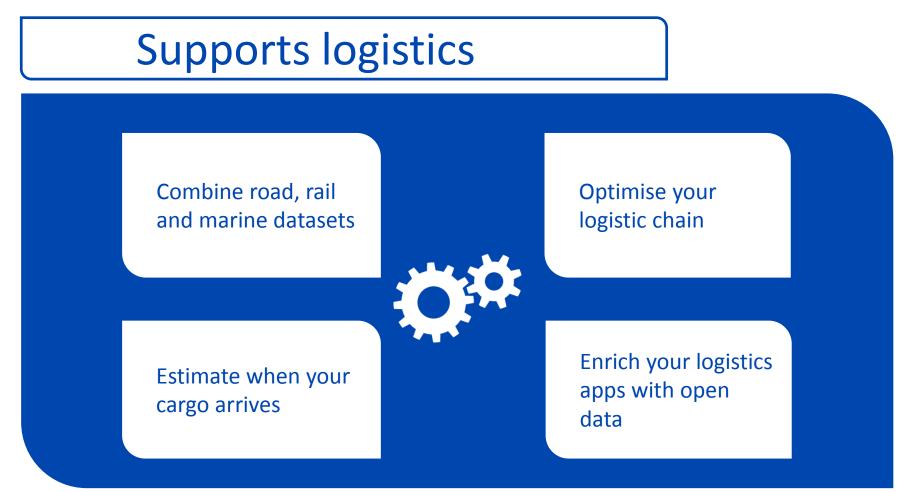


Improves data quality











open rail data

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challenges and solutions

Challenges & Solutions

Technology

- Listen to user needs
- Learn from other countries

Capacity

- Use global cloud services
- Cache API responses

Legal

- Be multi-operator compatible
- Verify data publicity

Trust

Provide SLA's to select partners



beyond opening data Community driven API development for

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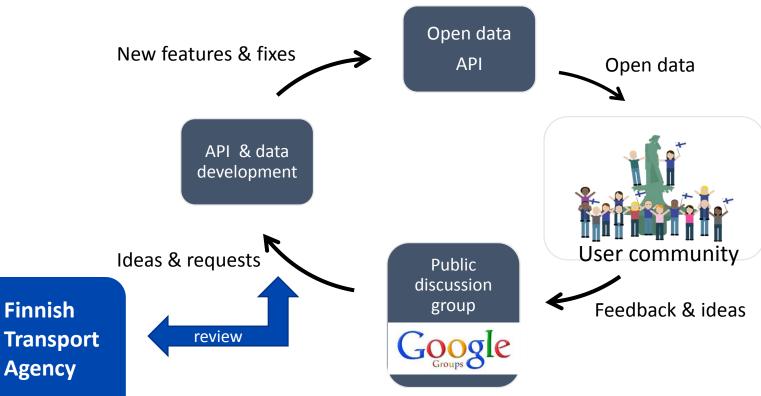
success

How do we benefit from the community?

- Besides opening the data, open the process that's behind the open data
- 2. Make all support channels public and free to join for anyone
- 3. Give fast, accurate responses to questions & ideas



Community driven API development







API access

<u>https://rata.digitraffic.fi</u> <u>https://rata.digitraffic.fi/infra-api/</u> https://rata.digitraffic.fi/jeti-api/ http://liikennevirasto.fi/web/en/open-data

https://groups.google.com/forum/#!forum/rat a_digitraffic_fi

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