FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

Presented at the FIG Working Week 2019,
April 22-26, 2019 in Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"

ORGANISED BY FIG

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Land Administration Data to Support Development and Research

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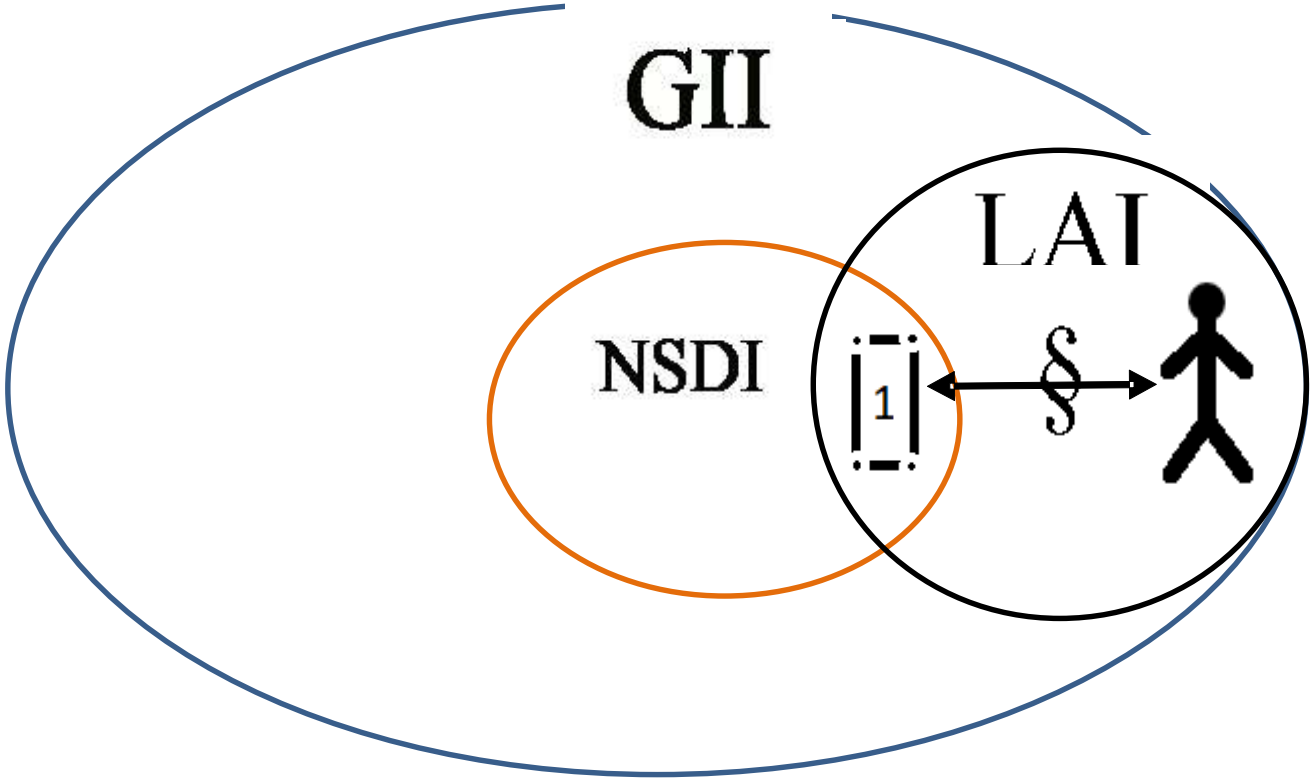
Introduction

- Registry (birth, company ...)
- Registry (right, concession, ...)
- Cadastres (property, utility, LPIS ...)

78/320

Rt Otiljak
4/2
10241/2
TS

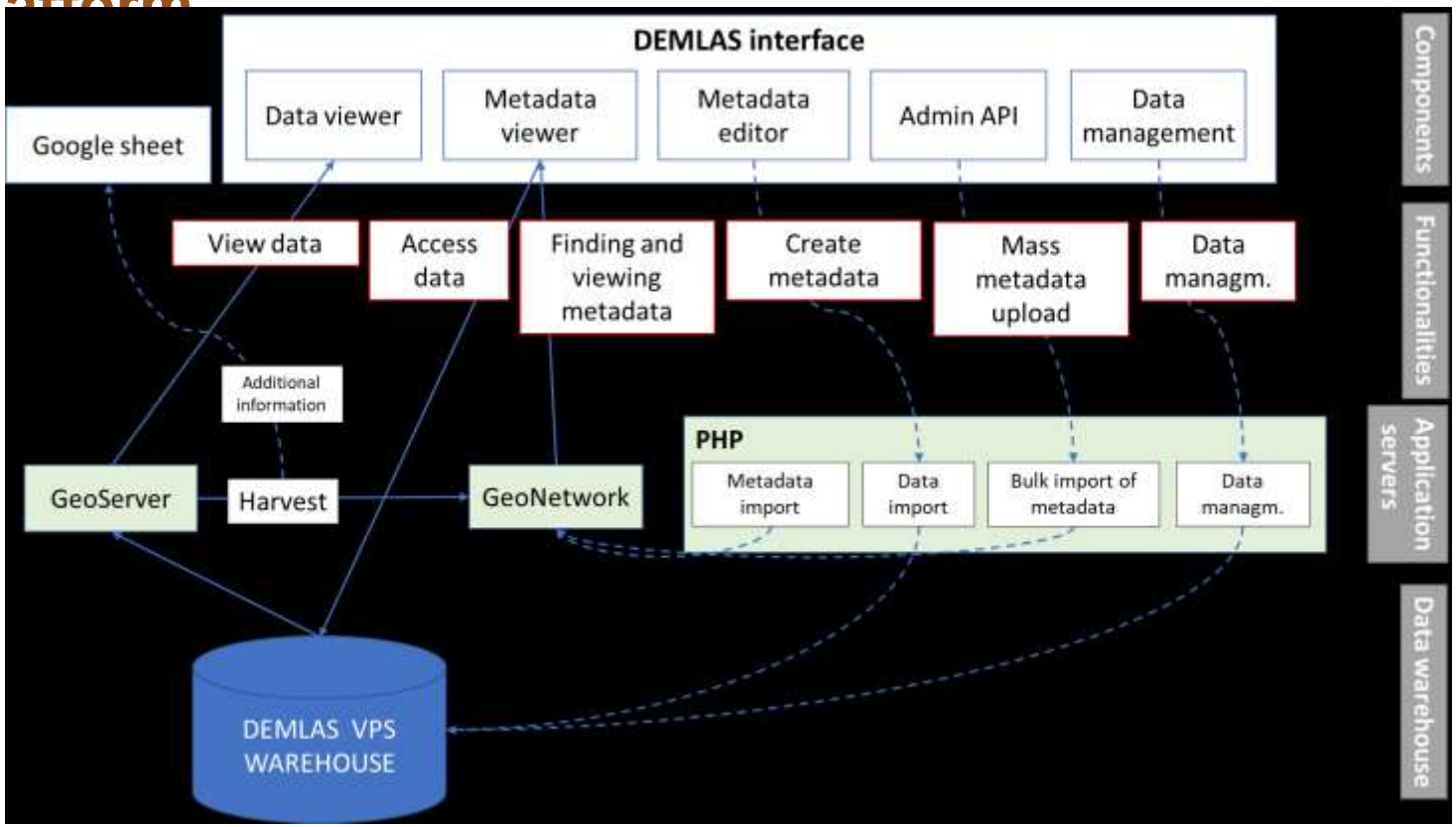
Land Administration Infrastructure



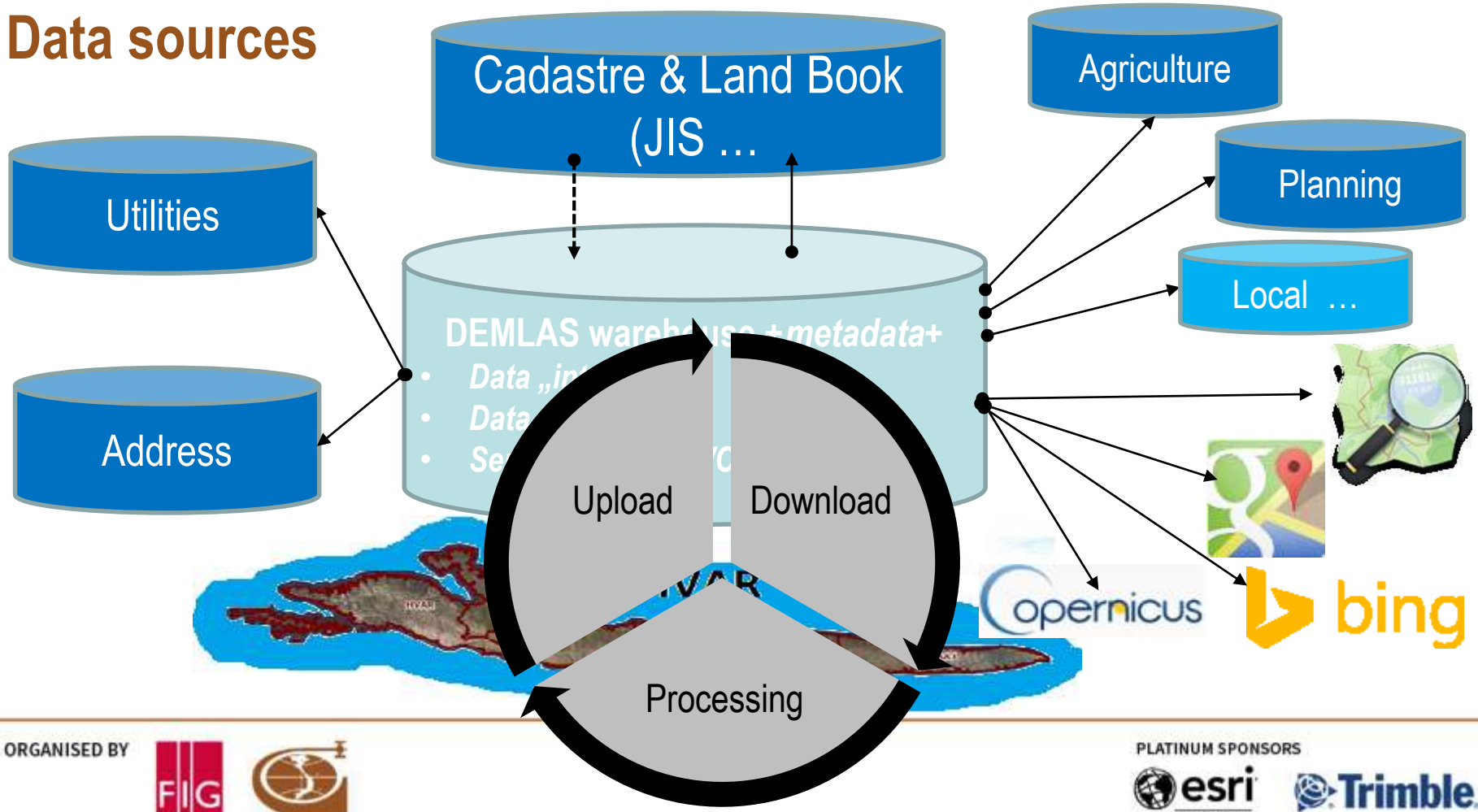
Cyberinfrastructure

- Research environment – supports data
  - Acquisition
  - Storage
  - Management
  - Integration
  - Mining
  - Visualization

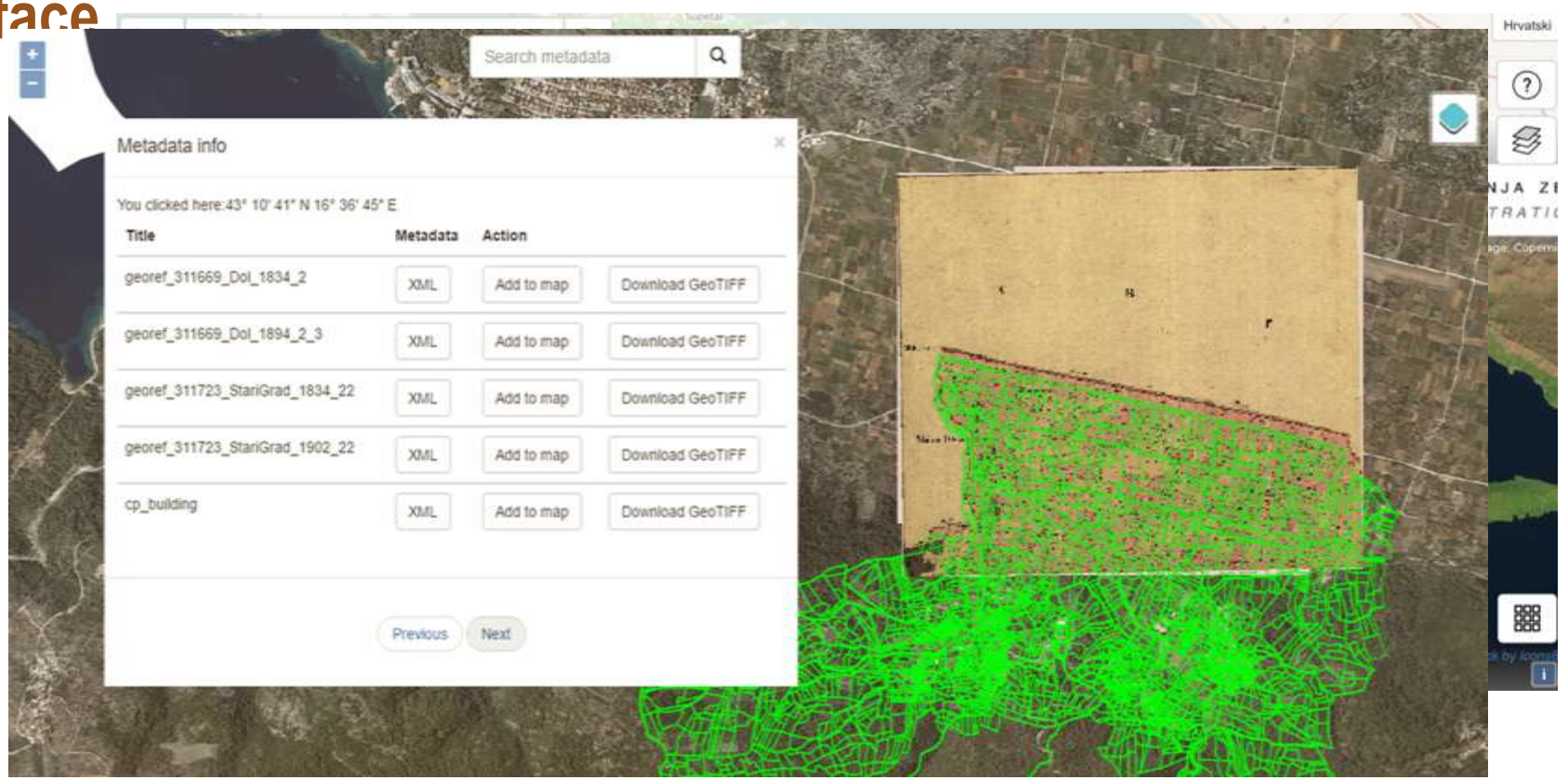
DEMLAS platform



Data sources



Interface


Search metadata
Metadata info
You clicked here:43° 10' 41" N 16° 36' 45" E
Title
Metadata
Action
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XML
Add to map
Download GeoTIFF
georef_311669_Dol_1894_2_3
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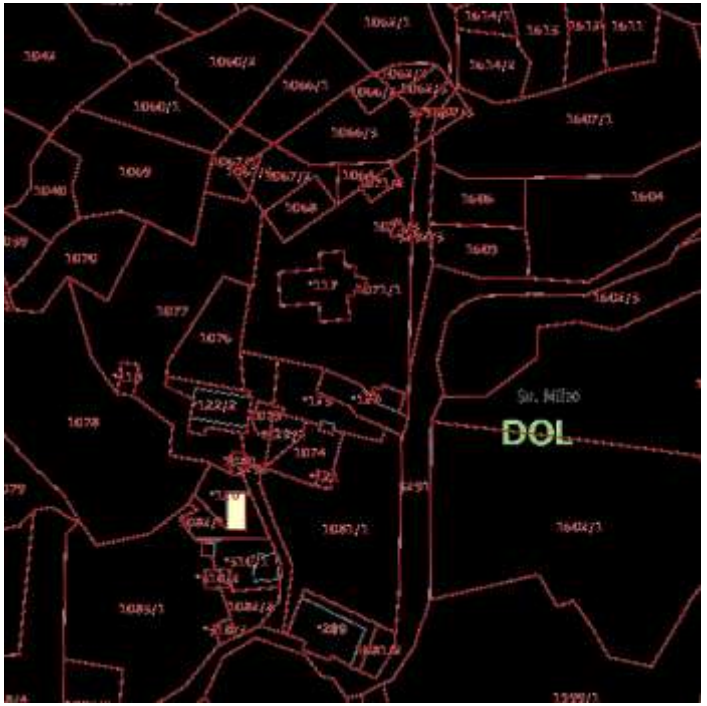
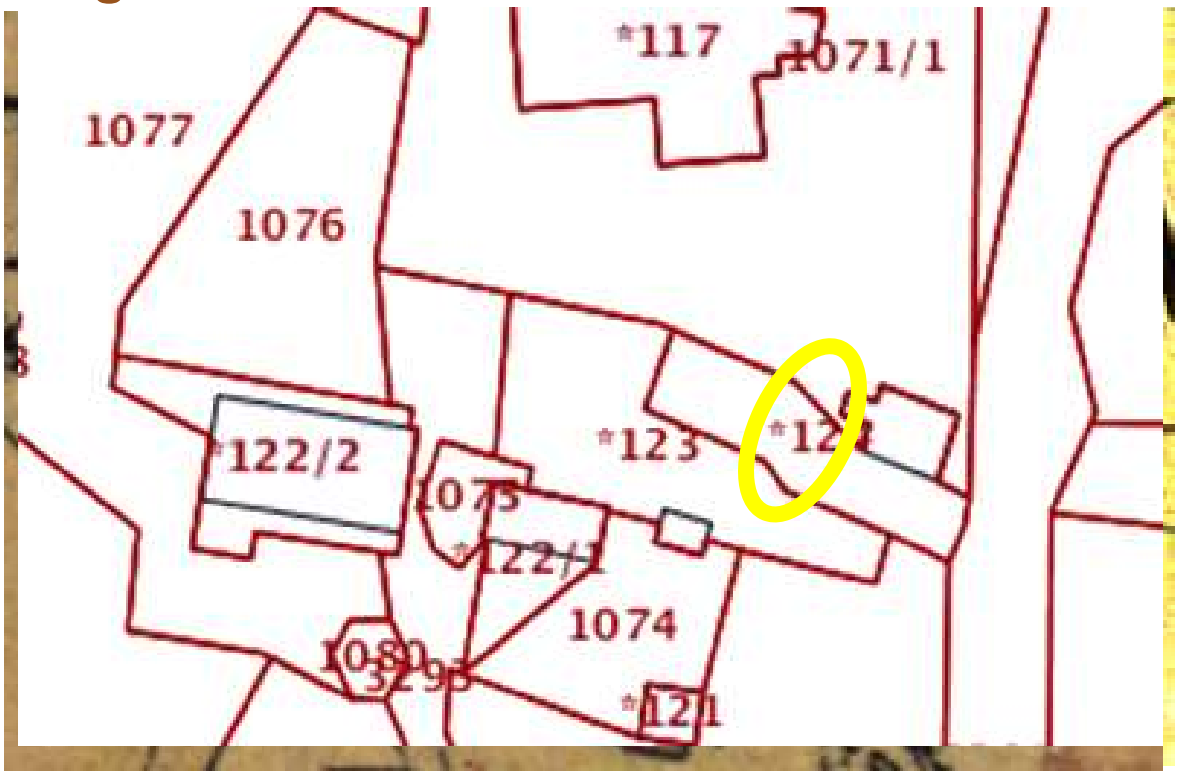
Research fields



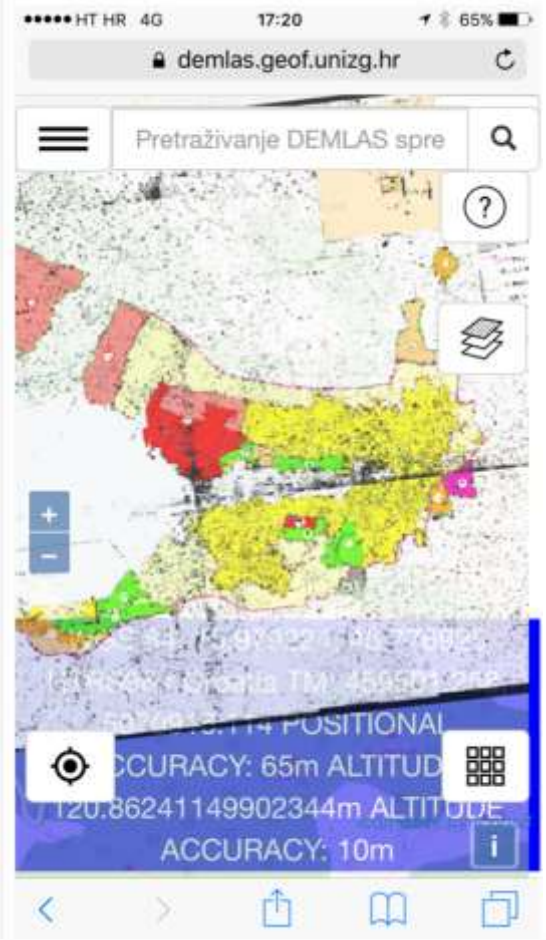
Spatiotemporal investigations

- Inconsistencies

  Area
  - *123 = 378 m^2
  - *124 = 7 m^2



Conclusion

- LAI Cyberinfrastructure
  - Availability
  - Integration
  - Re-use

- Semantic Web
- LG monitoring
- „GDPR"