



ELF EUROPEAN
LOCATION
FRAMEWORK

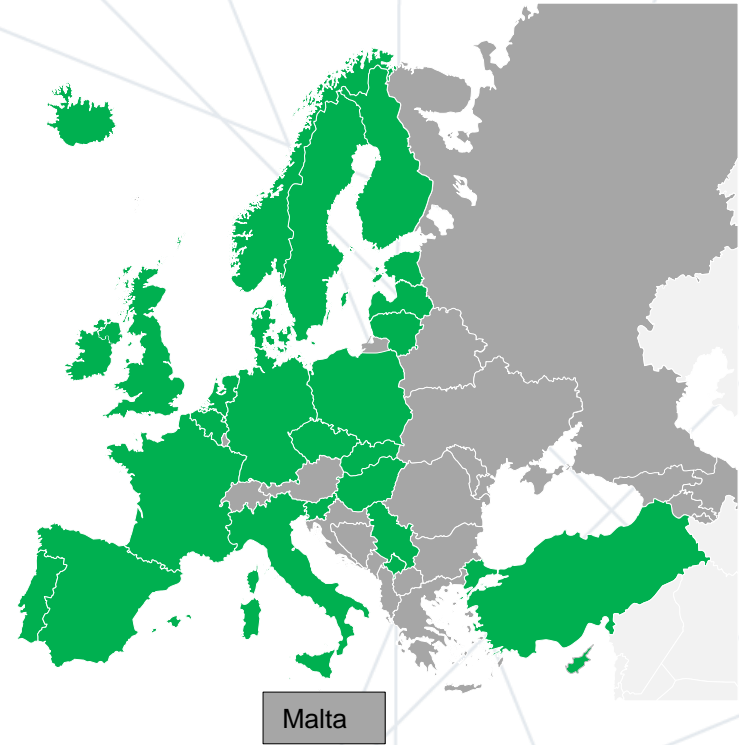
State of play: data providers' responsibilities in AD, AU, CP, HY, GN, TN, EL, OI, BU, LC/LU and US

Presentation to: GEOSPATIAL WORLD FORUM

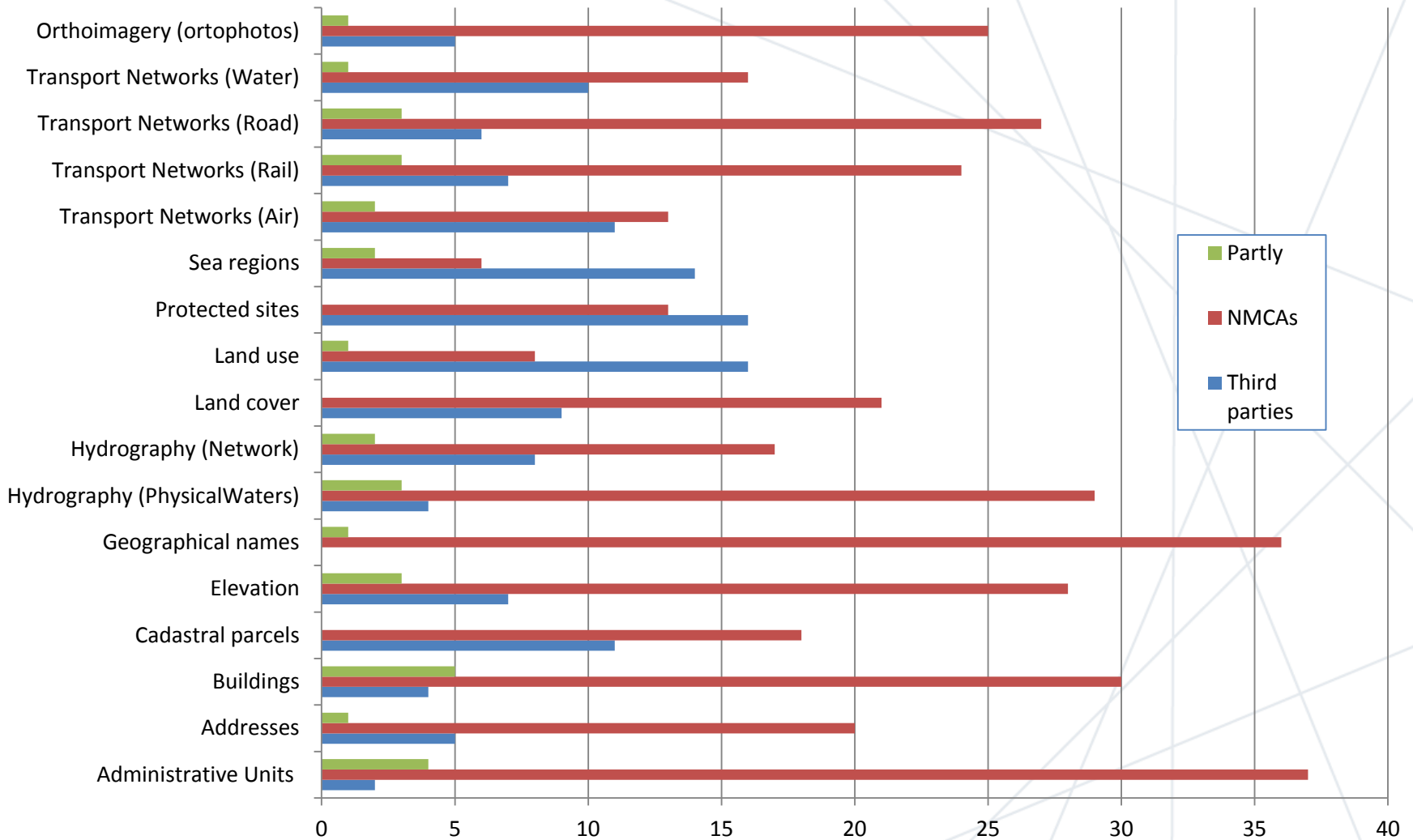
Author: Saulius Urbanas, EuroGeographics

Date: 29 May 2015

- ★ Survey on the ELF products / INSPIRE data themes, available data and webservice
- ★ Information: 29 NMCAs, 2014-2015
- ★ Non-NMCAs data content providers:
 - ★ Addresses, statistics, hazards data, Protected sites, etc
- ★ Key components of Data policy
- ★ Issues and constrains for arranging ELF webservices
 - ★ Financial, Legal, Technical, Organisational (Resources), etc.

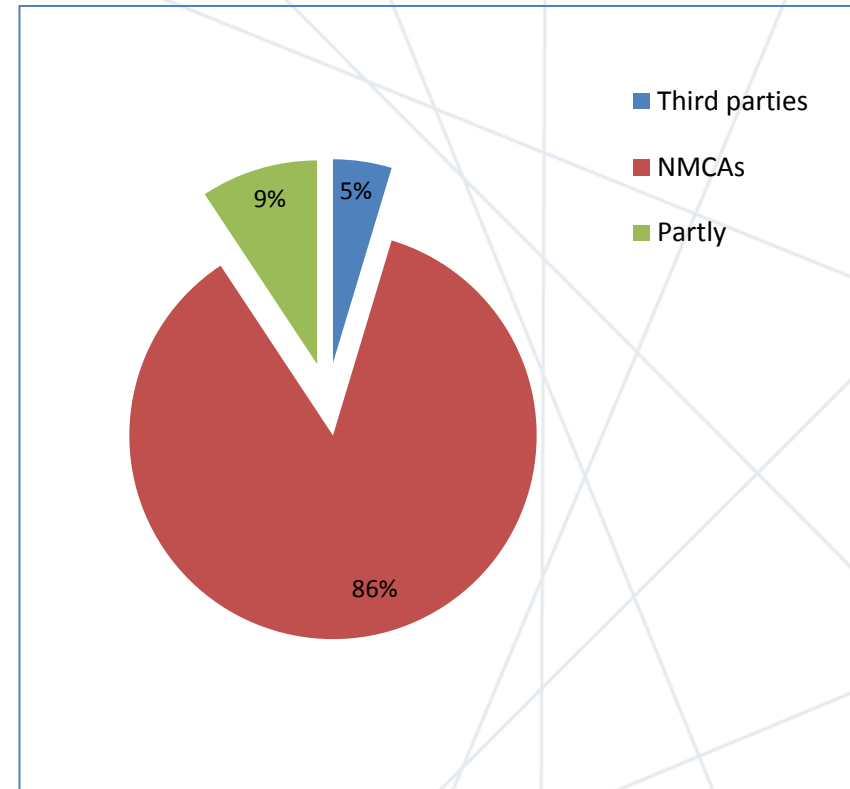


Inventory: major themes

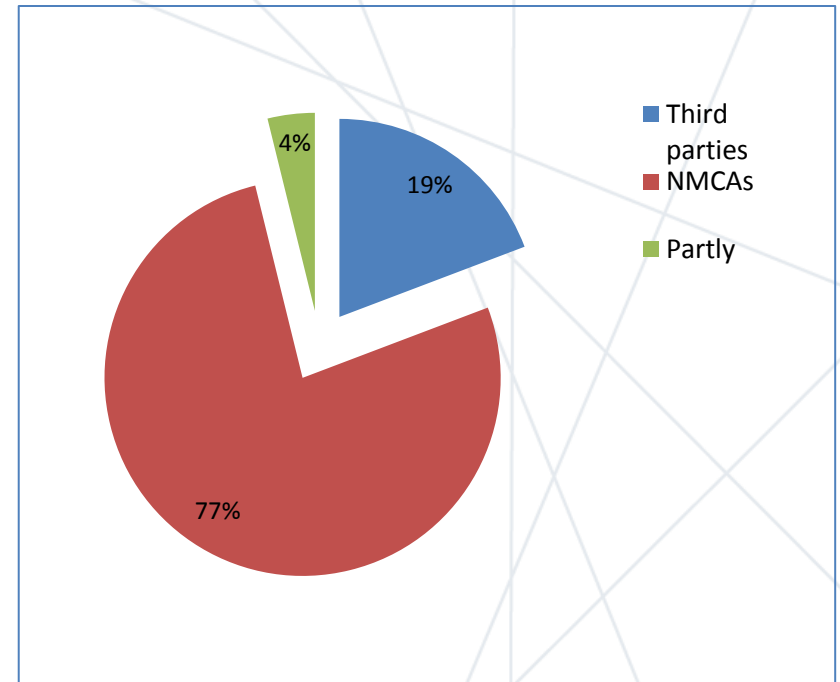


- ★ Orthoimagery
 - ★ Regional authorities, Agriculture subsidies' administrators
- ★ Geographical Names
 - ★ None alternative data provider
 - ★ Toponyms, endonyms and variant names – Language Commissions, Research institutions - > UNGEGN
 - ★ Hydronyms – Environmental Agencies
- ★ Elevation:
 - ★ Land - NMCAS (in minor cases - Road Authorities)
 - ★ Sea– Maritime Authorities
- ★ Cadastral parcels (regional / state) – None alternative

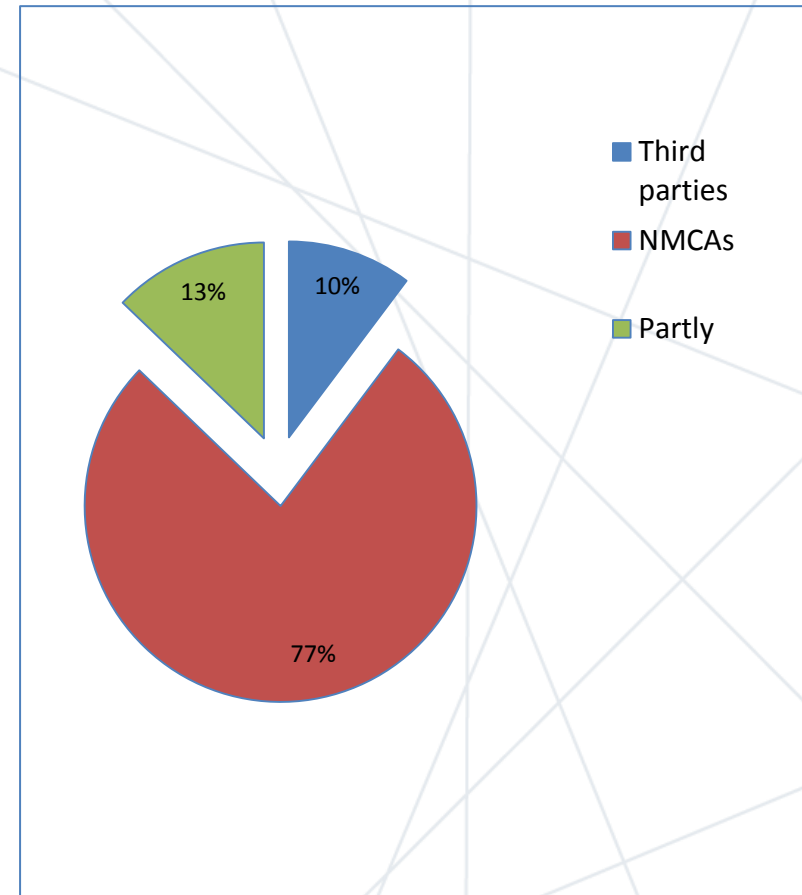
- ★ Cadastral Authorities
 - ★ Country
 - ★ Regional (lands)
- ★ Statistical offices
- ★ Ministries
- ★ Sea Authorities and Defence for Sea territory



- ★ Cadastral Authorities
 - ★ Country
 - ★ Regional (lands)
- ★ Population registry
- ★ Others:
 - ★ Royal Mail Group
 - ★ Agenzia delle entrate



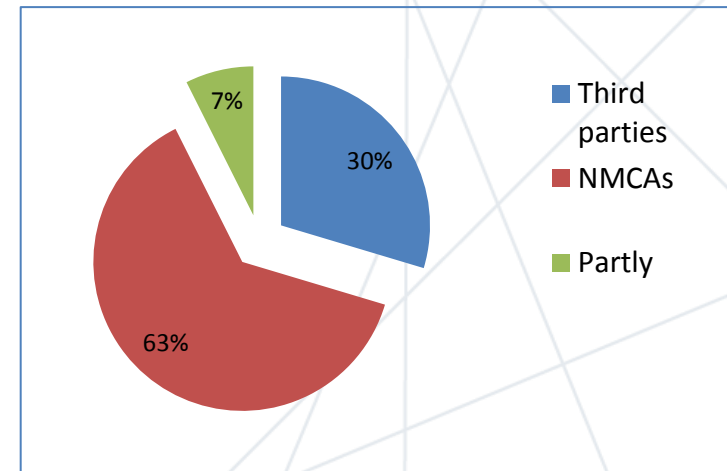
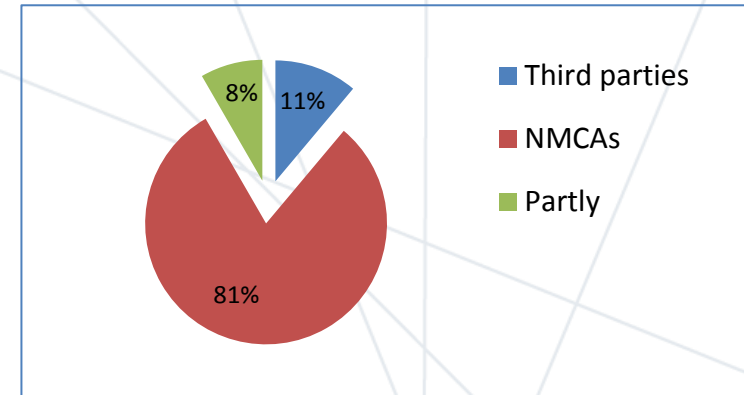
- ★ Cadastral Authorities
 - ★ Country
 - ★ Regional (lands)
- ★ Ministries
 - ★ Economy, Defence
- ★ Others
 - ★ Agenzia delle entrate



1. Physical waters
2. Hydrographic network

★ Third parties

- ★ Environmental Agencies
- ★ Regional Authorities
- ★ Meteorological offices
- ★ Ministries
- ★ Water Directorates
 - ★ Basins, drainaige, waterways



1. Air

★ Third parties

★ Air navigation authorities

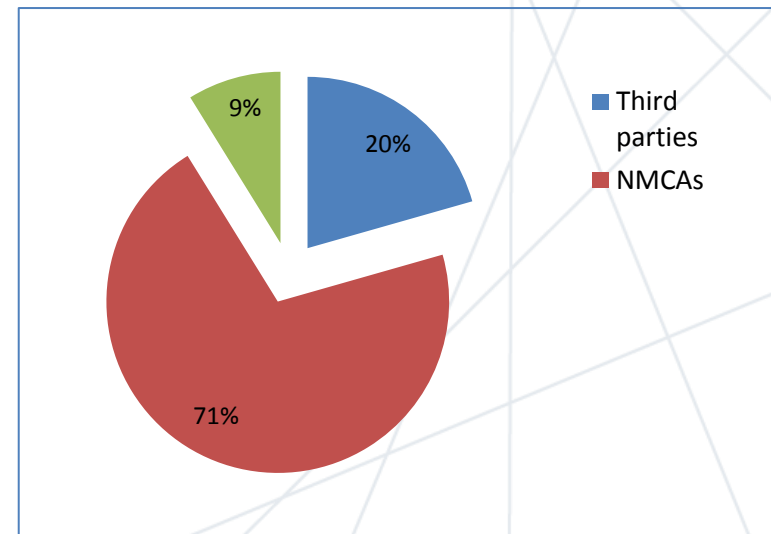
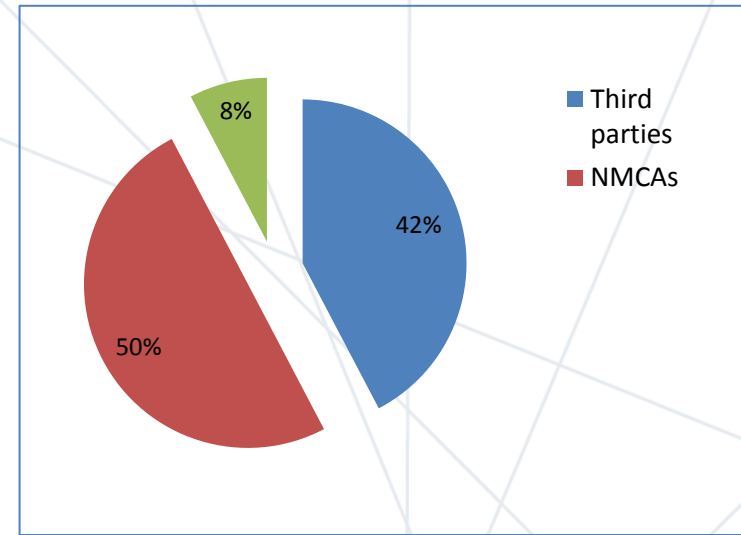
★ Regional Authorities

2. Rail

★ Third parties

★ National Rail

★ Ministry of Transport



1. Roads

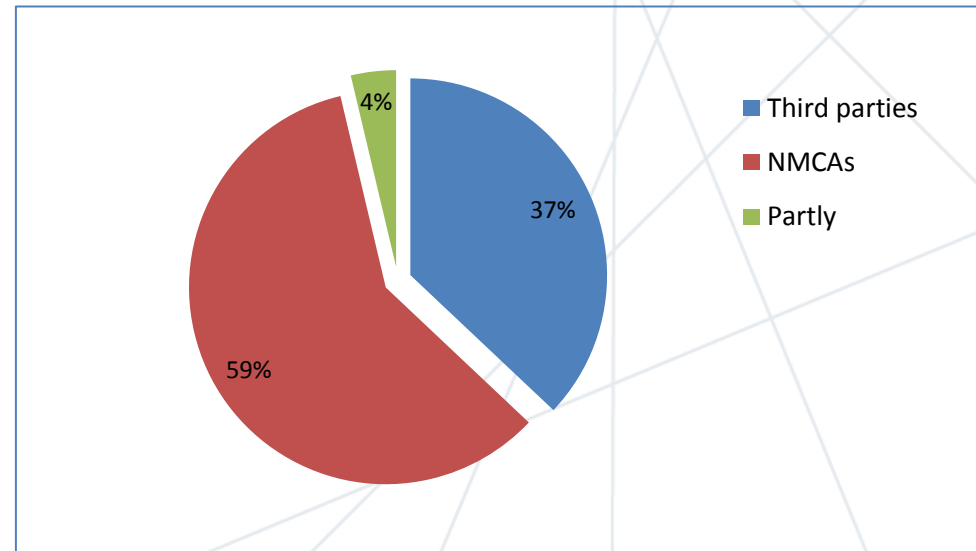
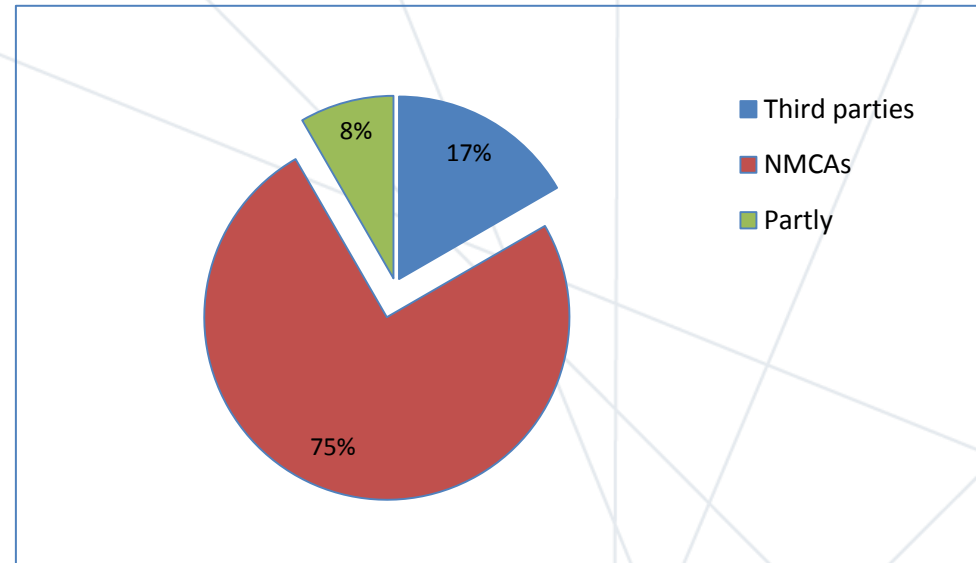
★ Third parties

- ★ Road Administrations
- ★ Regional Authorities
- ★ Ministry of Transport

2. Water

★ Third parties

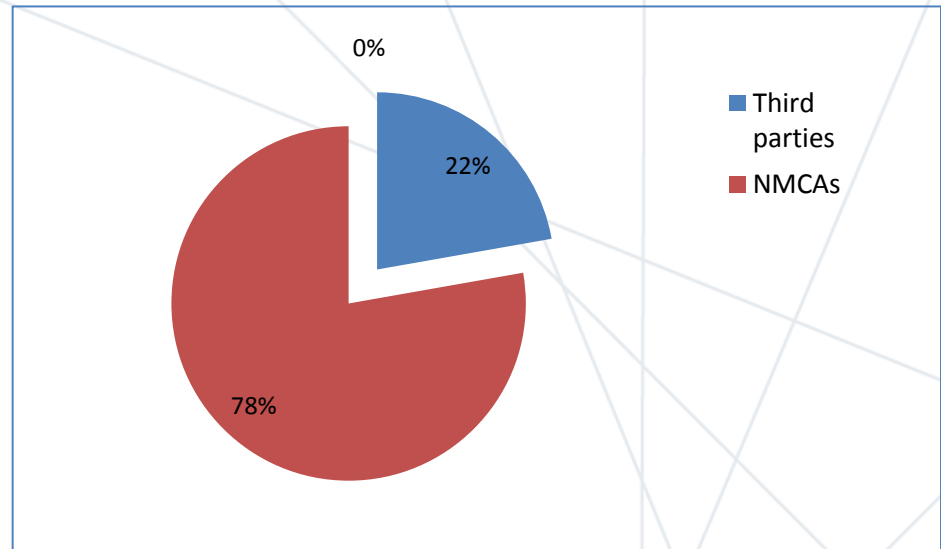
- ★ Maritime Administrations
- ★ Road Administrations
- ★ Service of Hydrography
- ★ Ministry of Transport



1. Land Cover

★ Third parties

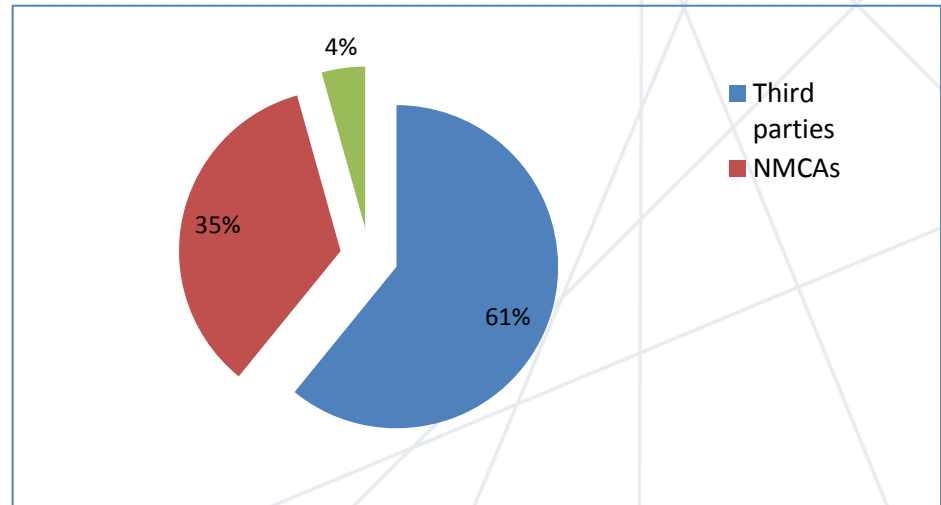
- ★ Environmental Agencies
- ★ Ministries (Agri, Env)



2. Land Use

★ Third parties

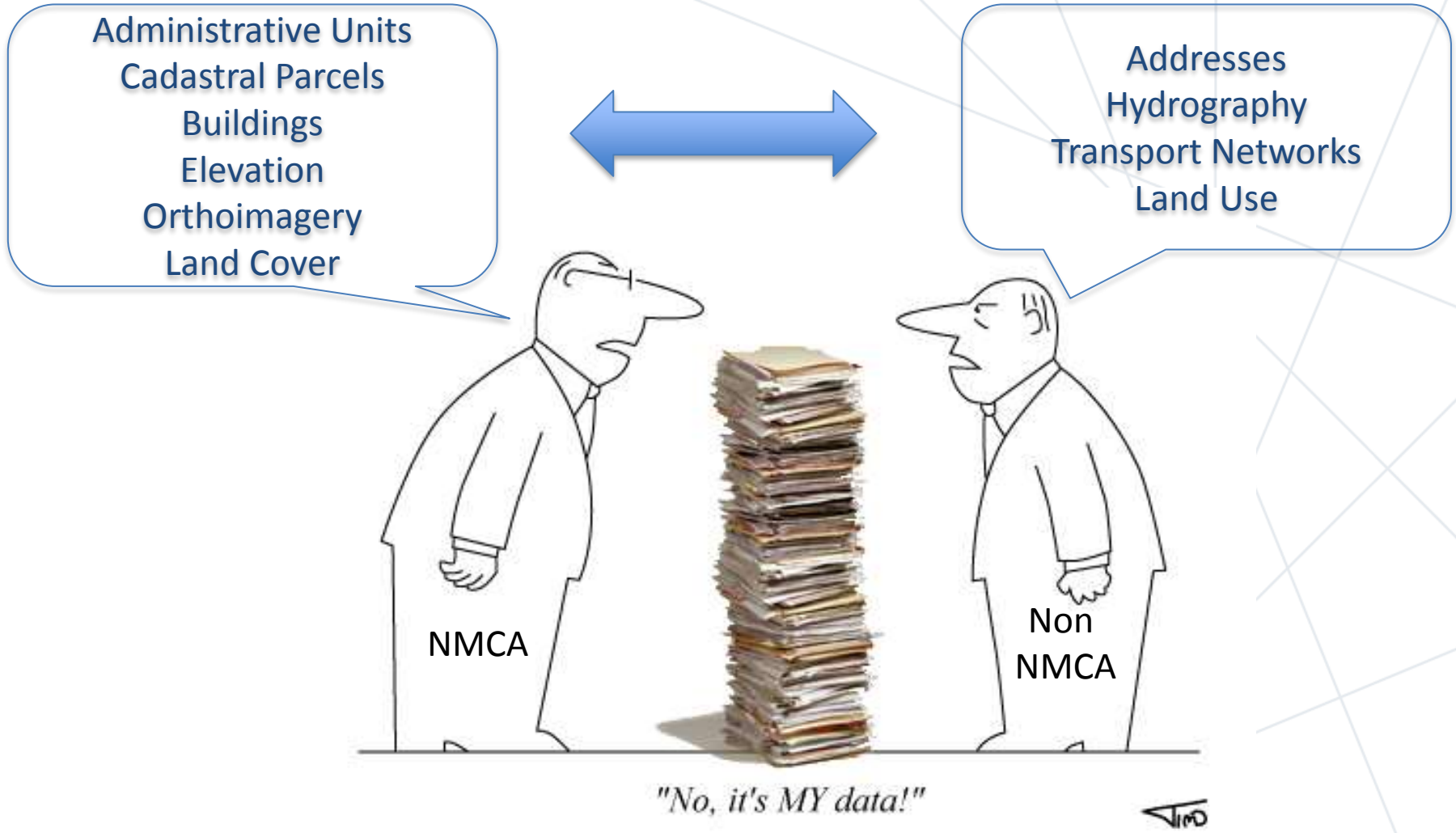
- ★ Ministries (Env, Agri, Infra,...)
- ★ Regional and local authorities
- ★ National statistics
- ★ Environmental Agencies
- ★ Forestry Agencies



- ★ NMCAs maintain some of information (major electrical lines, POIs)
- ★ Many thematic data providers
 - ★ Utility companies
 - ★ Ministries (Education, Finance, Health, etc)
 - ★ Health authorities
 - ★ Statistical offices
 - ★ Regional and local authorities
- ★ Issue:
 - ★ Utility companies (in general – private) do not concerned by INSPIRE



Responsibilities



Theme	Linking theme
Polygons of Postal codes	CP, AD
Socio-economic statistics	AU
Demography statistics	AU
Health statistics	AU
Hazards data - flood risk zones	BU, EL, AU, CP, HY
Hazards data - ground instability (subsidence, earthquake)	BU
Hazards data - windstorms	
Hazards data - wildfires	
Hazards data - crime	
Trees	CP, AD
Soil data	CP
Utilities and Governmental Services - hospitals, Emergency Medical Services	BU, AU, AD
Utilities and Governmental Services - primary and secondary schools, universities	BU, AU, GN
Disposal Site /Waste Pile: An area for the collecting / disposing of refuse or discarded material	CP
Energy resources: Power Generation, powerlines (electricity grid), pipelines (oil, gas)	BU, AD

Thank you for the attention!