4. VIEW PROCESSES, PREVIEW OF **DISCOVERED SPATIAL DATA**

The concept of preview in ESDI

- "View services making it possible, as a minimum, to display, navigate, zoom in/out, pan, or overlay viewable spatial data sets and to display legend information and any relevant content of metadata."(Article 11 of the INSPIRE directive)
- · Sounds that familiar to you?

- Sure, same functionality as Google Maps, Mapy.cz,...



The concept of preview in ESDI

• "Experience in the Member States has shown that it is important, for the successful implementation of an infrastructure for spatial information, that a minimum number of services be made available to the public free of charge. Member States should therefore make available, as a minimum and free of charge, the services for discovering and, subject to certain specific conditions, viewing spatial data sets." (Paragraph 19)

The concept of preview in ESDI

• "Data made available through the view services may be in a form preventing their re-use for commercial purposes." (Article 14)

U Watermark

Degradation of the image

quality

(7

Even required registration



INSPIRE View service

· Equals to ISO 19128

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- ISO 19128 equals to OGC Web Map Service 1.3.0 Only version 1.3.0!



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Operations of an INSPIRE view service Get View Sel PARTA - i.e. GetCar 1. LIST OF OPERATION n order to be in conformity with sted in Table 1 of this Annex. Get Map - i.e. GetMar Link Discove rder to be in conformity d in Table 2 of this Annex - an equivale OGC Aren't you missing anything? lete the der cription of each operation and form • Note: OGC GetFeatureInfo is not intended under the INSPIRE standardization framework tory on Geoinformatics and Cartography









Quality of service

- · Again defined in legislation
- For a 470 Kilobytes image (e.g. 800 × 600 pixels with a colour depth of 8 bits), the response time for sending the initial response to a Get Map Request to a view service shall be maximum 5 seconds in normal situation. Normal situation represents periods out of peak load. It is set at 90 % of the time.
- The minimum number of served simultaneous requests to a view service according to the performance quality of service shall be 20 per second.
- The probability of a Network Service to be available shall be 99% of the time.

Quality of service...still the same

Uptime [%]	Maximum downtime		
	Per week	Per month	Per year
95	8.4 hours	36.00 hours	18.25 days
00	3.4 houre	14.40 houro	7.30 days
99	1.7 hours	7.27 hours	3.63 days
99.9	10 minutes	0.73 hours	8.76 hours
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