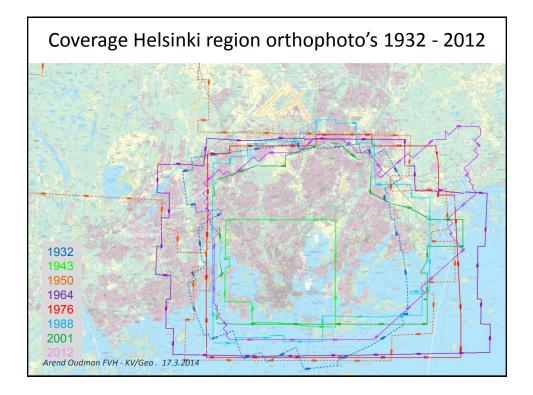




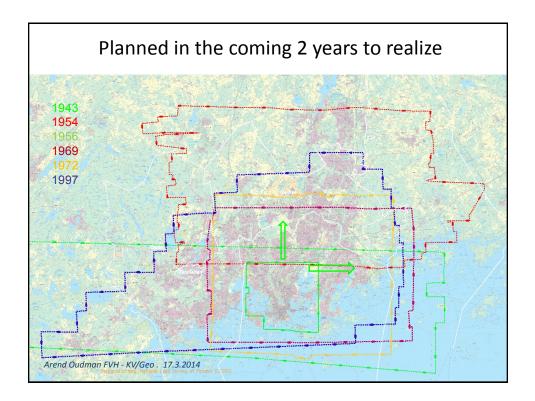
Historical images

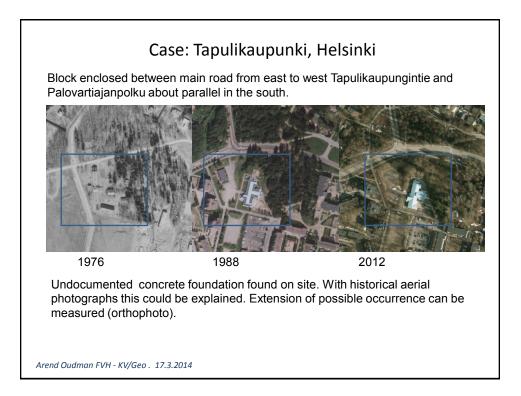
- Plan to obtain for every 10 year at least coverage of (greater) Helsinki.
- During important moments more frequent eg. pre- and post Olympic games (1952)
- Demonstrate the possible use of the material.
- Orthophoto's vs stereo photo's
- Oblique photo's recent + historical
- Streetviews georeferenced

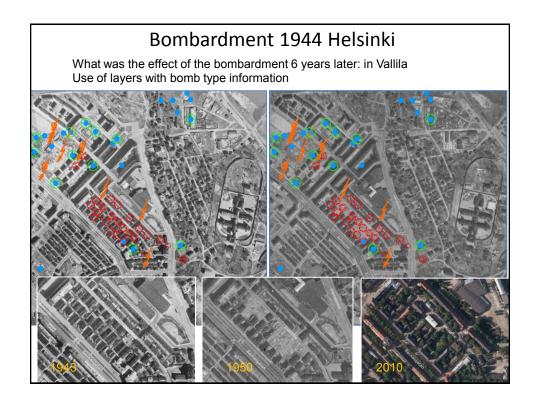
Arend Oudman FVH - KV/Geo . 17.3.2014



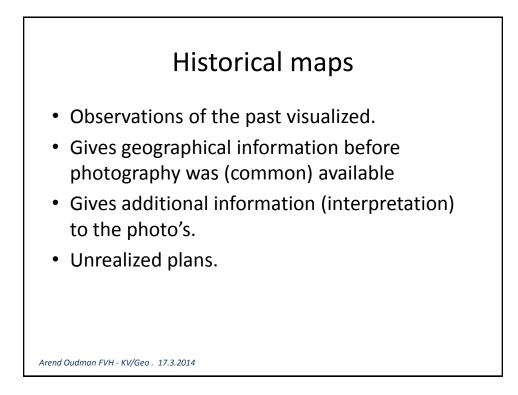
Orthophoto wish list						
year	area coverage	scale	source	number of images		
1927?	Helsinki? Part of?			Most likely individual images. No orthophoto possible		
1943	Extension to North and East of existing image					
1944	eastern Helsinki		Topografikunta	?		
1954	Northern area of Helsinki	1:10 000	MML	about 400 images		
1956	southern part of Helsinki as additional coverage of 1954 area	1:20 000	MML	~130 images		
1969	Helsinki	1:10 000	Blom Kartta	~ 297 images		
1972	Helsinki	1:10 000	Blom Kartta	~550 images		
1997 Arend C	Total area: ~ 849 km ² . Helsinki: ~ 321 km ² , Espoo ~209 km ² , Kauniainen 6 km ² , Vantaa ~180 km ² , Sipoo 30 km ² , Kirkkonummi ~95 km ² wdman FVH - KV/Geo . 17.3.2014		Blom Kartta	~ 103 images (Helsinki)		











Year	map name	source/owner	publishing permissions	Comment
~1790	C.N. af Klercker,	Swedish War museum	Current permission is to use it only within the City organization.	Current version available at kmo. Interesting for additional water depth along the shores
~1850	Kalmberg map	National Library of Finland	Open data	Some maps in pdf format. Can be converted in tiff. Need permission to process and use in other format, or obtain original material. Different versions exist.
~1880	Senaatin kartasto	National Archive of Finland	Open data.	Need georeferencing
1900 - 1980	Topographic maps	MML/NARC		Several maps now available of Helsinki area. Need georeferencing

