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INSPIRING  
ENVIRONMENT

**From fieldwork to public debate.  
The role of ESRI products in better environmental management**

*Oskars Beikulis*

# A few words about us

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The International consulting company – ELLE was founded in 1998 by a group of experienced environmental professionals from the three Baltic states.

The major time of our work we are spending to deal with projects related to environmental protection, nature conservation and spatial planning.

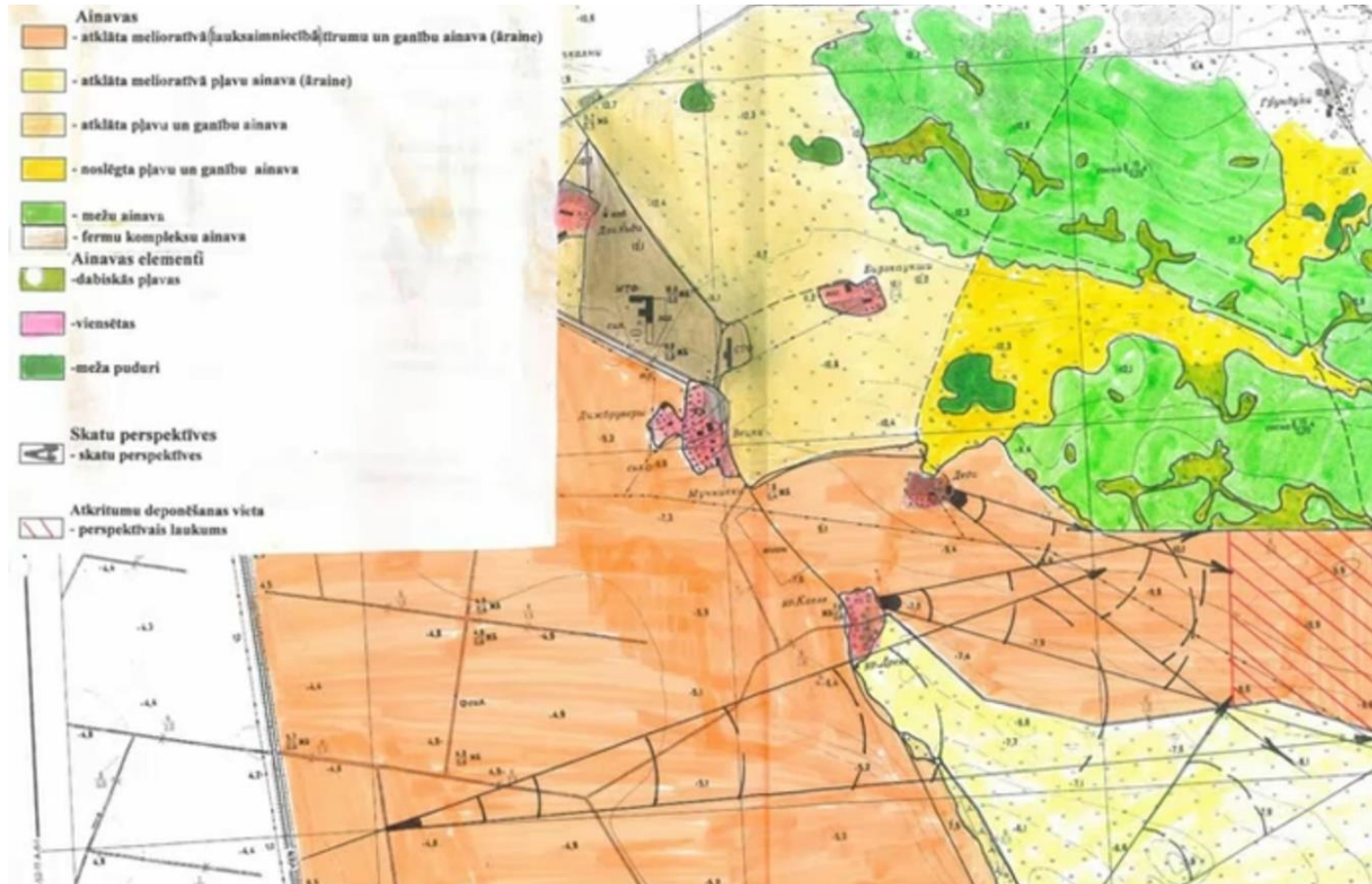
We are not developers of impressive geographical information systems and solutions ...

... at the same time...

... the huge part of our work is related to the mapping, analysis and presentation of environmental and natural processes.

# The first «mapping» experience

Drawings on paper maps or scanned maps with image editing software

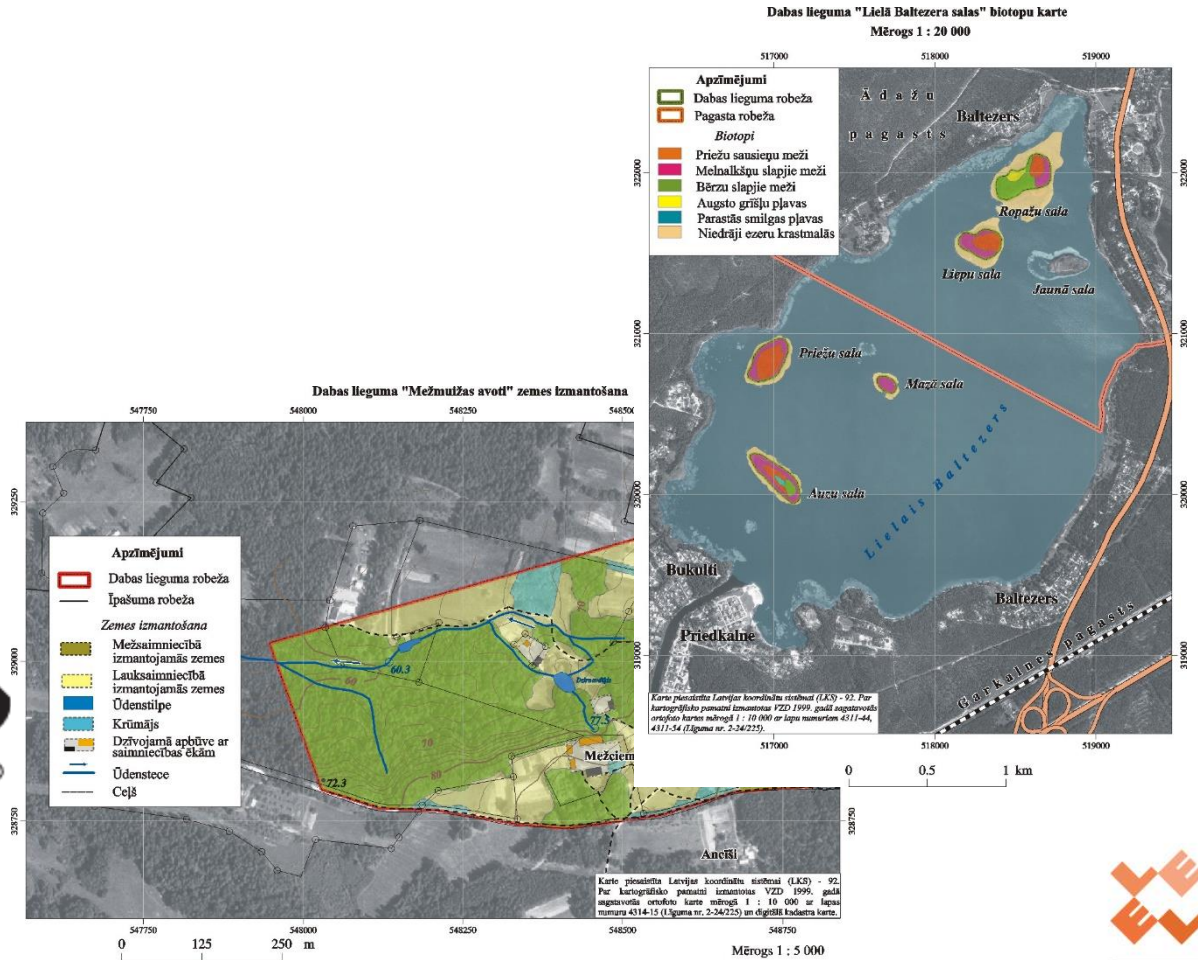


# We can make our own maps

ArcView gave us our first cartographers and digital spatial data



ArcView®



# Large projects = large maps

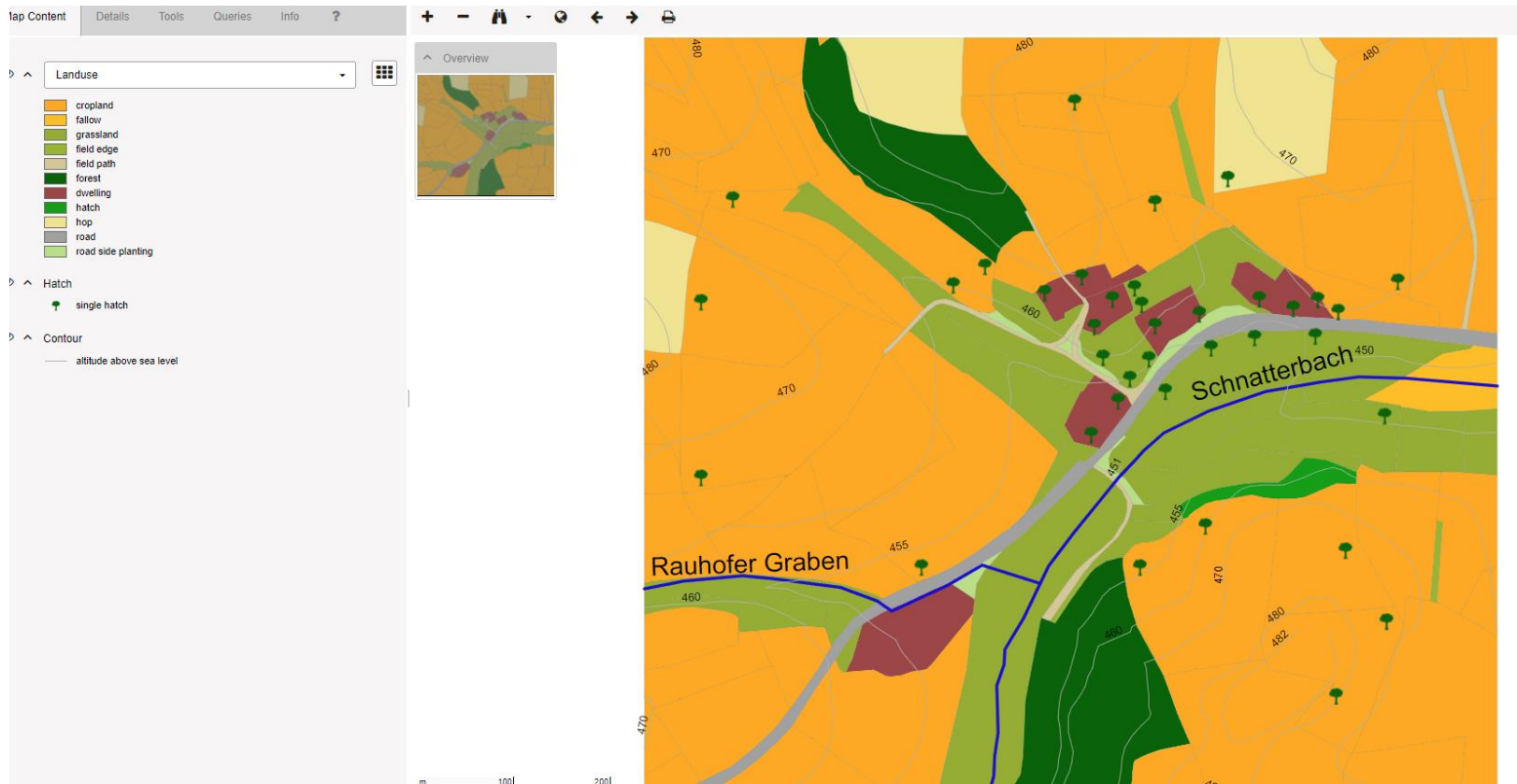
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High accuracy (large scale) was a major issue for large scale projects



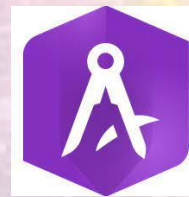
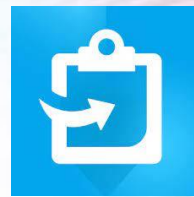
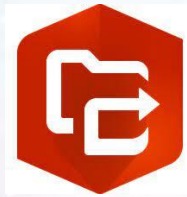
# Can we make the maps interactive?

The first attempts in 2010 with German web mapping software Mappetizer



# The Big Bang for GIS end-users

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# Case study – EIA for wind farm

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There are many stakeholders involved in the environmental impact assessment for the wind farms:

- *Project developers;*
- *Landowners;*
- *Environmental and nature experts;*
- *Cartographers;*
- *Various state institutions;*
- *Municipalities;*
- *NGO's;*
- *Local inhabitants.*

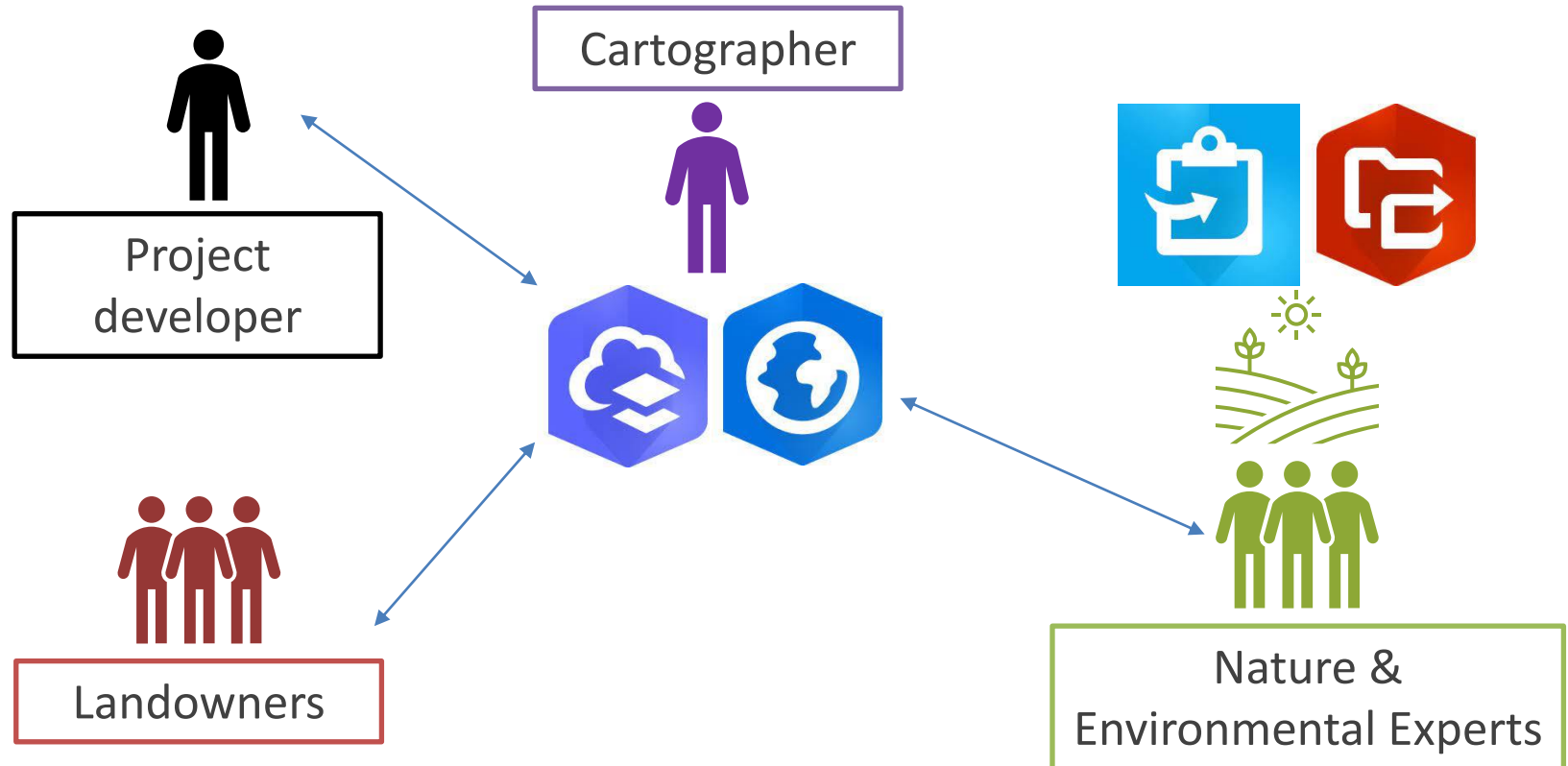


Can these **Big Bang GIS** solutions help us to do a better environmental impact assessment process?

# EIA for wind farm

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Initial statement – **we will not work with paper maps**



We have finished the project planning phase without a single printed map, but with many versions of wind farm layout

# EIA for wind farm

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Initial statement – we will try to use «Big bang» solutions in public debates



Project developer



Landowners



Nature & Environmental experts

Cartographer



Inhabitants & NGO's



State and municipal institutions

# Let's save the planet - let's not waste paper!

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## Thank you for attention!