



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
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armasuisse
Bundesamt für Landestopografie swisstopo
Kartografie

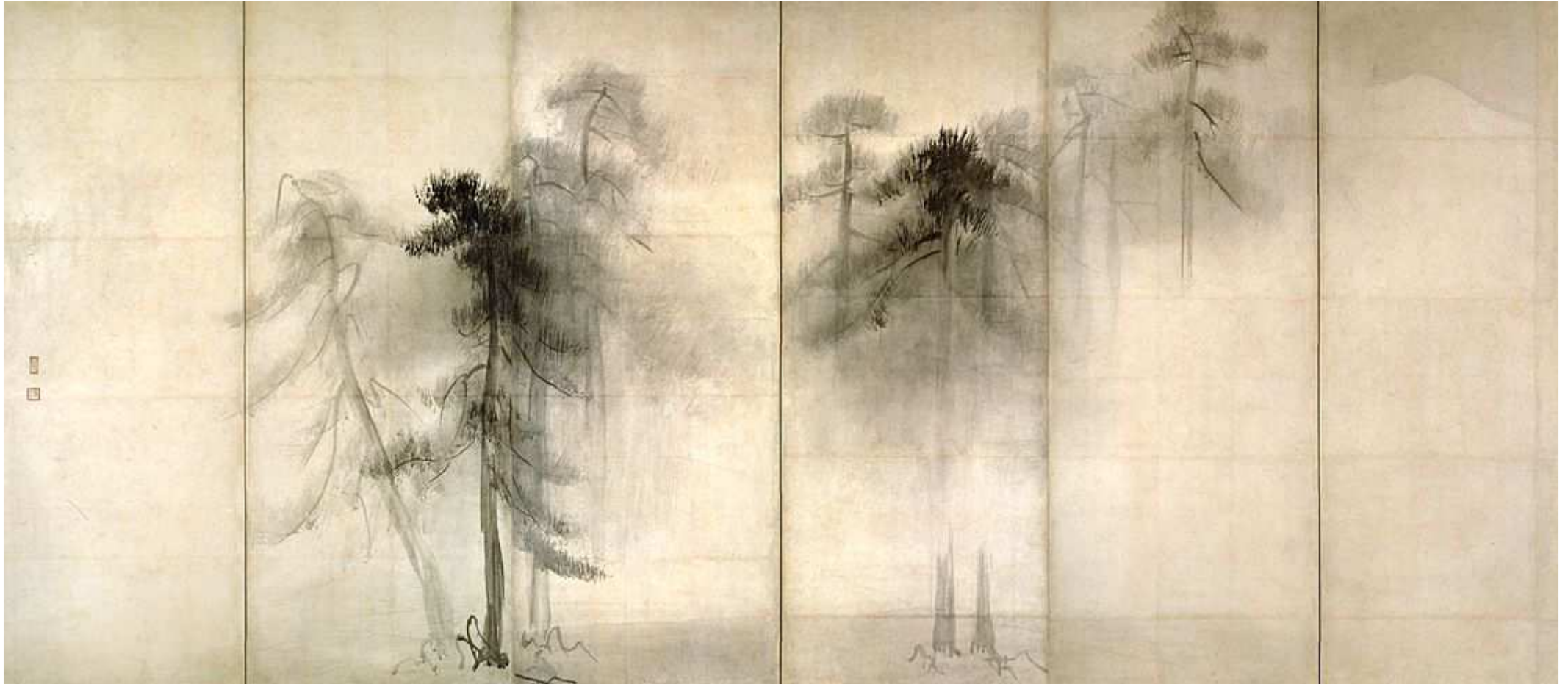
Designing MRDB and multi-scale DCMs at swisstopo

ICA/EuroSDR NMA Symposium 2013, Barcelona
21-22 March 2013

Dominik Käuferle



The art of abstraction



Hasegawa Tōhaku (1539 – 1610). Pine forest, 350x150cm, around 1590.



The new Product Base (DCM): Feature Properties

The Past

Graphic files:

- Data layers
- Simple geometries
- Symbols, Symbol levels, Masking
- Text

The Future

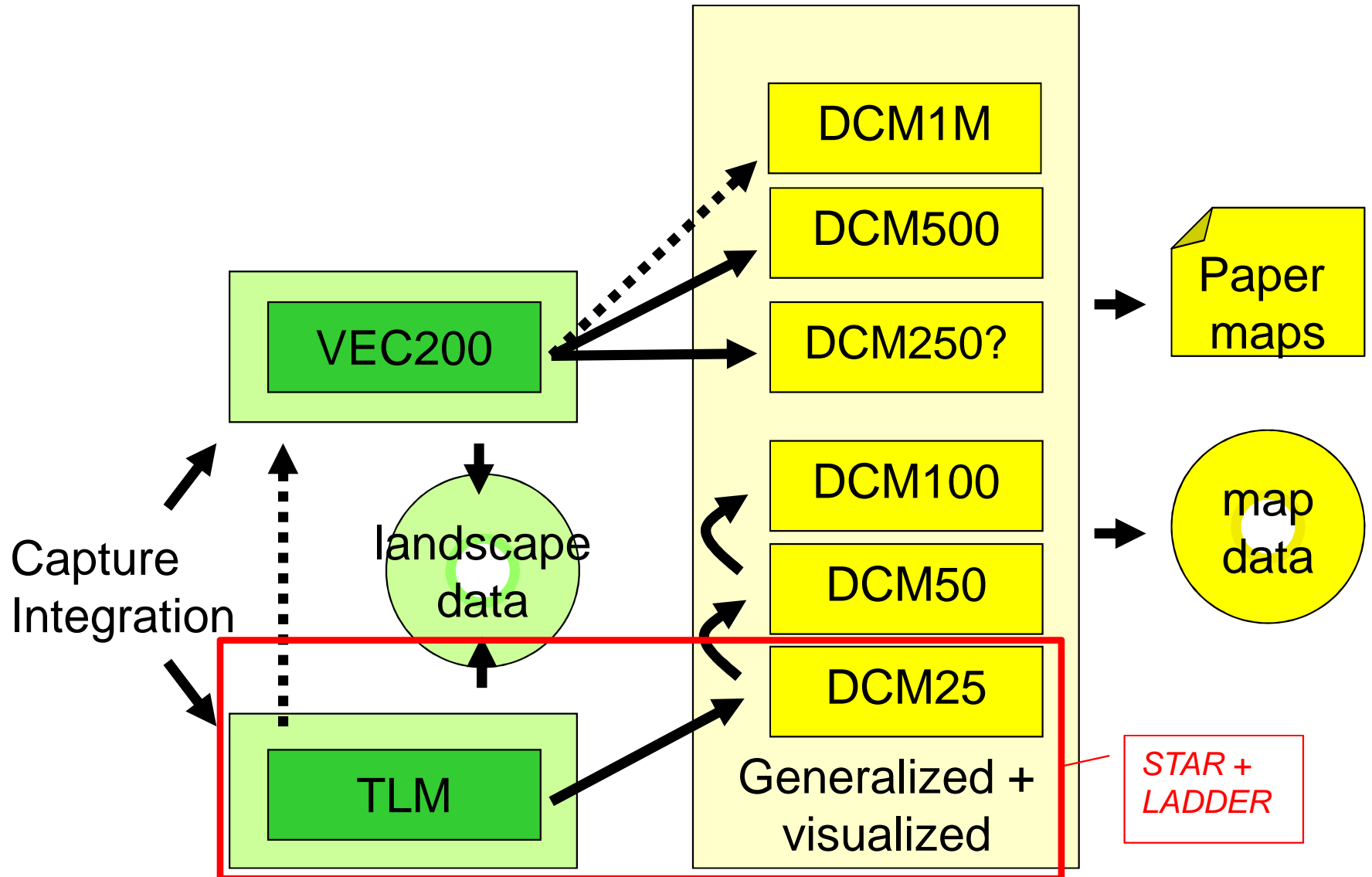
DCM multiple repr. database:

- Multiple feature classes (e.g. building, streets....)
- Complex geometries
- Topology
- Feature attributes, domains
- Feature links
- Symbols, Symbol levels, Masking
- Feature-linked Text
- Incremental workflow

*Database(d)
cartography*

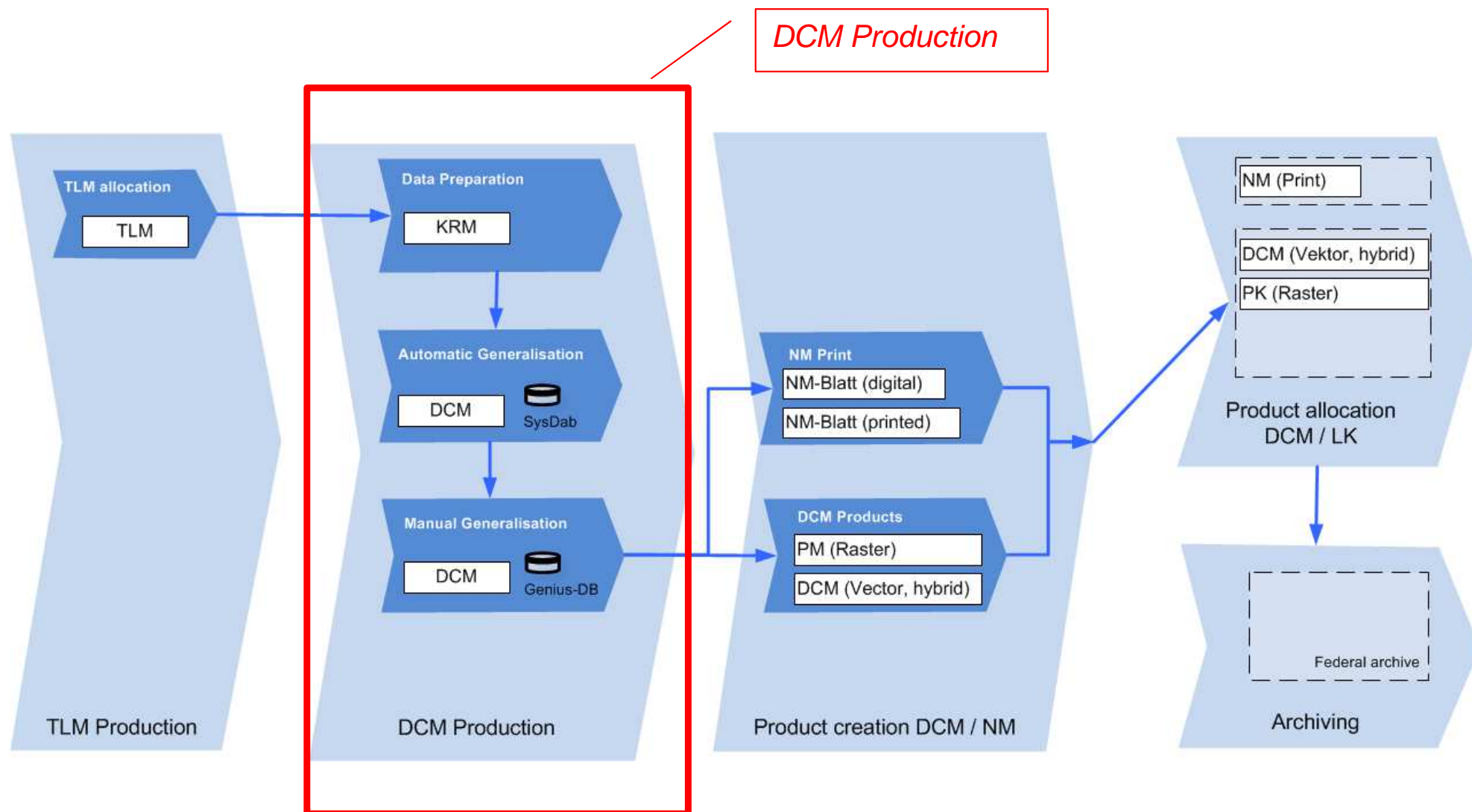


The new Product Base (DCM): Data organisation within the databases



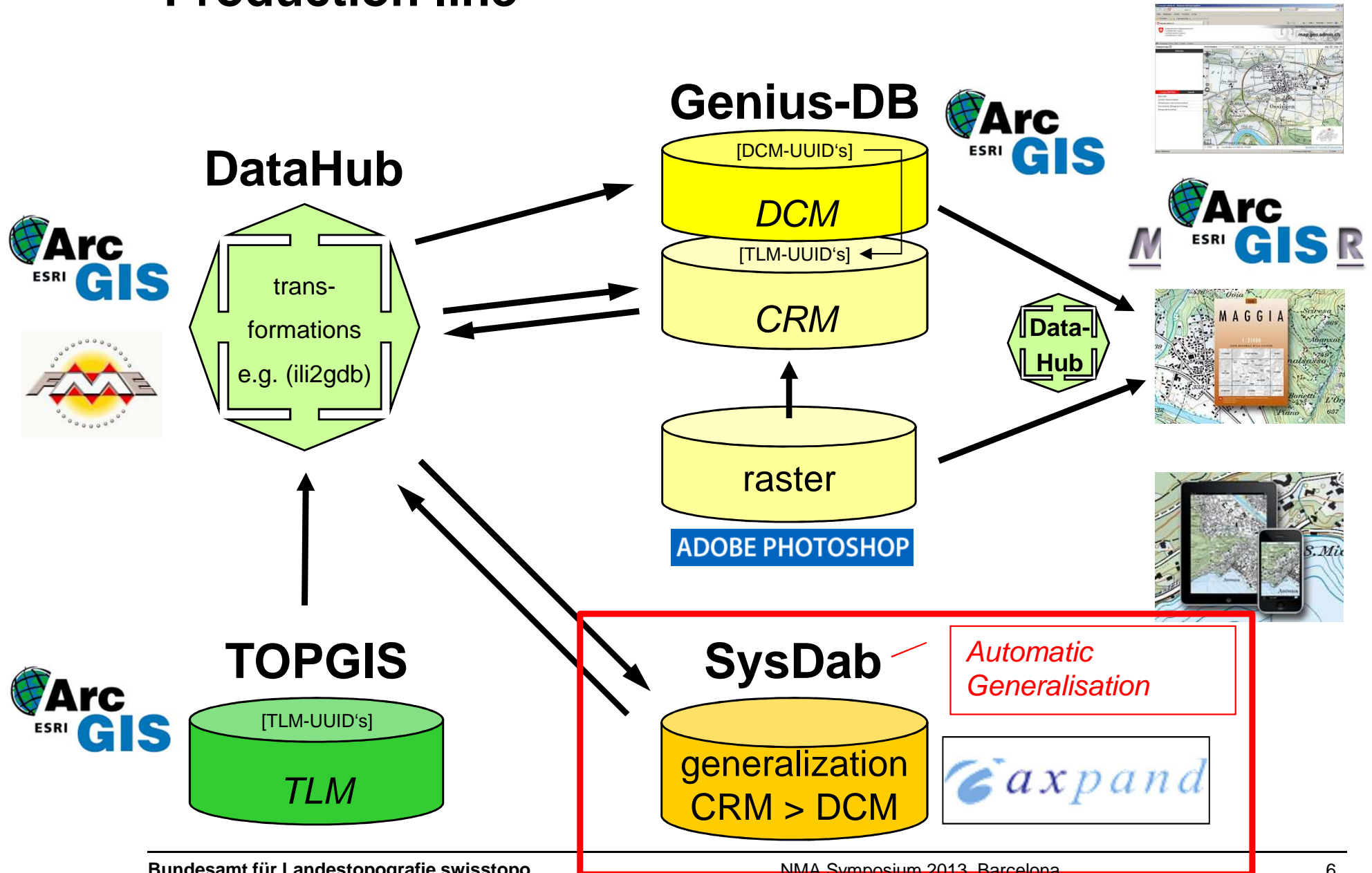


The DCM Production Process



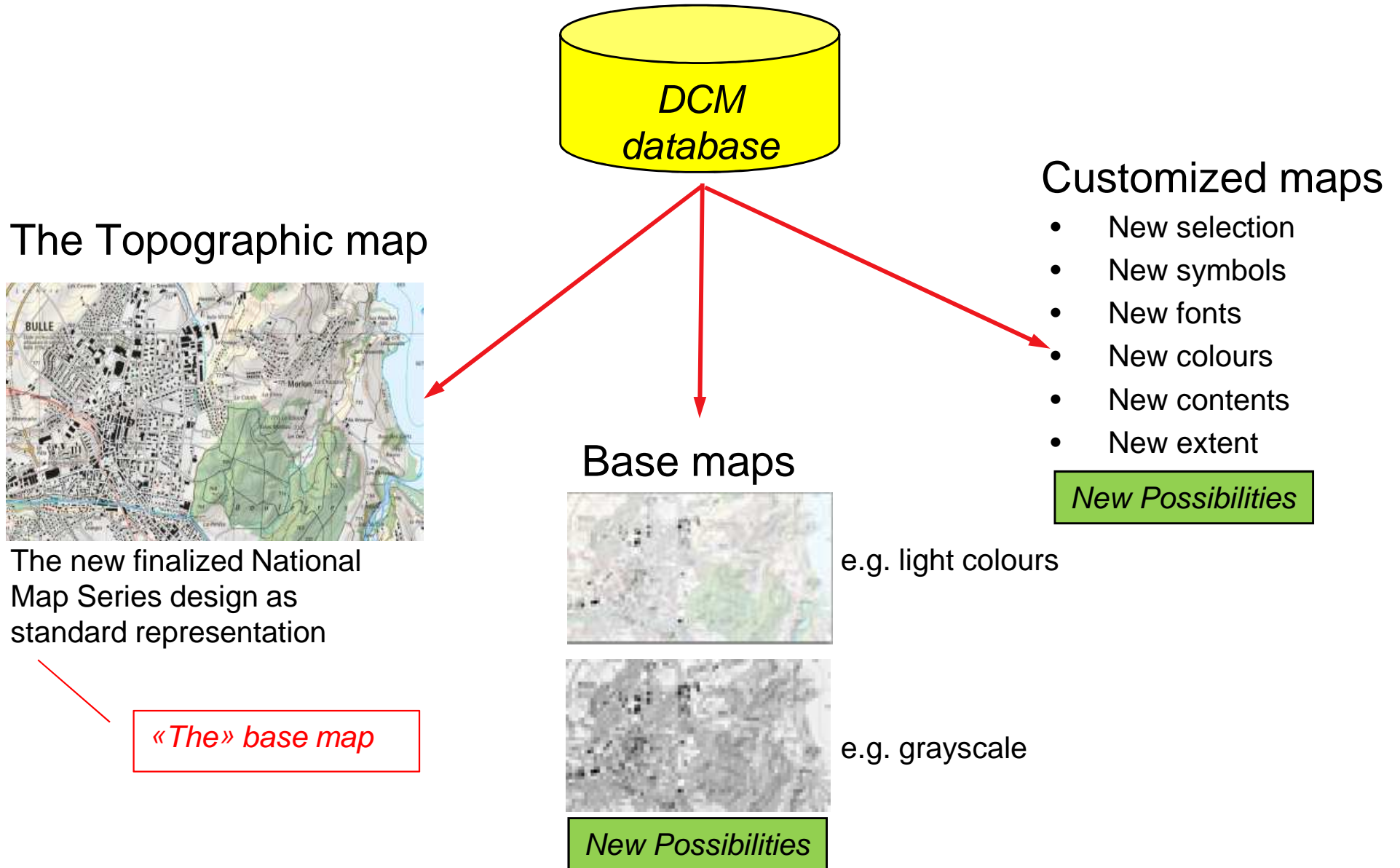


The Production Workflow (DCM) Production line





The new Product Base (DCM): Cartographic designs





DCM new cartographic Design

