# National BIM Strategy 2020



**Bouw Informatie Raad** 



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GeoBIM Conference, 25th November 2016





- The Building Information Council (BIR)
- Representation:
  - Public clients (het Opdrachtgeversforum)
  - Contractors (Bouwend Nederland)
  - Installationsector (UNETO-VNI)
  - Engineers (NLIngenieurs)
  - Architects (BNA)
  - Product manufacturers (FME)











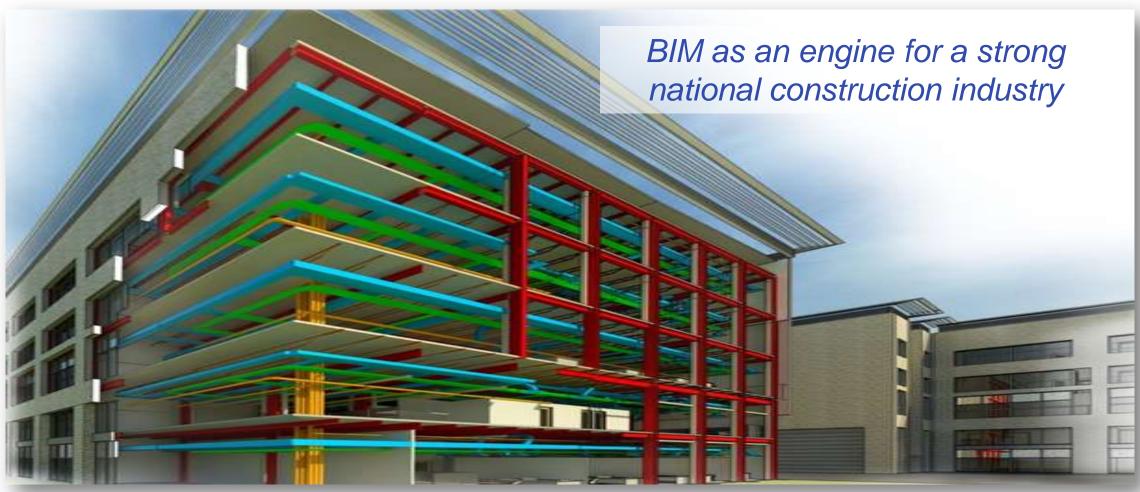




National policy on the implementation of BIM









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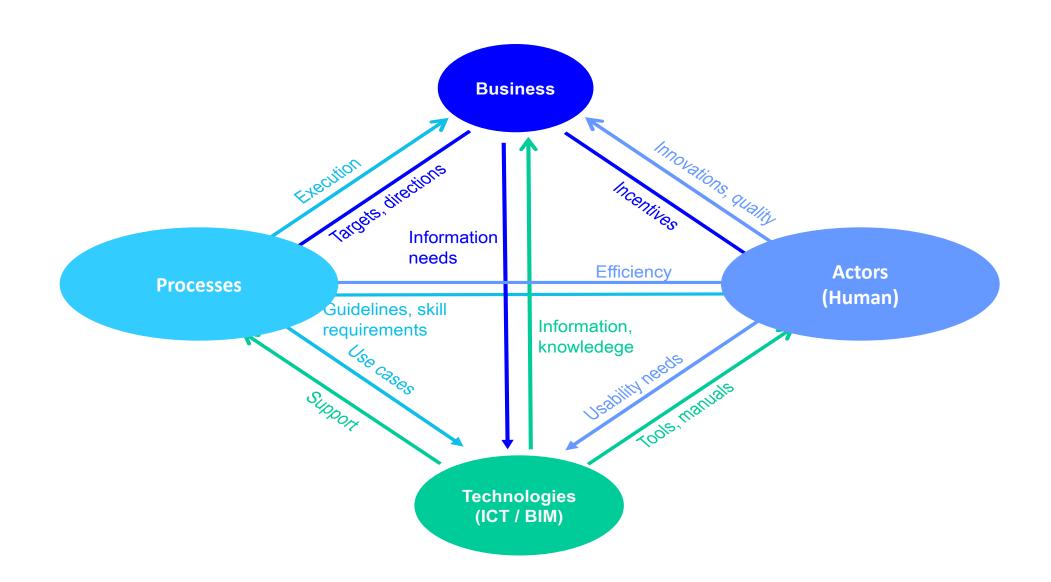




## Leading principles:

- Focus on information (primary process)
- One language
- Open standards
- Integrated collaboration
- Proportional (business benefits)







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#### **Process:**

- SystemsEngineering
- Contracting
- Delivery of information

#### **Management & organisation:**

- Study BIM maturity NL & recommandations
- National Checklist BIM Protocol
- •Plan for integrated management on BIM Open Standards
- •Leaflets on BIM approaches



Engine for the implementation of BIM in the NL

## Information-technology:

- Open standard for semantic (CB-NL), dataformat
- Open BIM
  Standard for data delivery
  (COINS)
  SEInformation-model













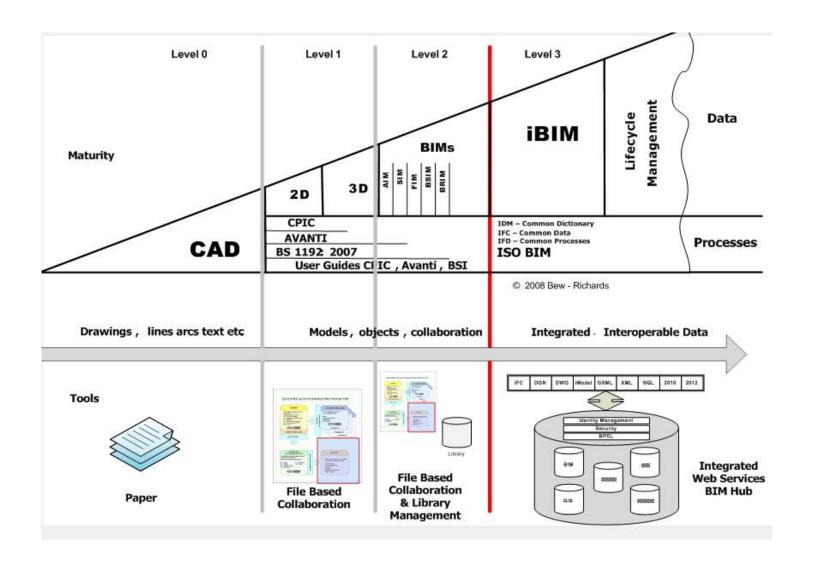




- Communicationplan and website
- •BIM functions and competences
- •BIM softskills leaflet
- Coöperation BIM education

## **BIM STRATEGY**

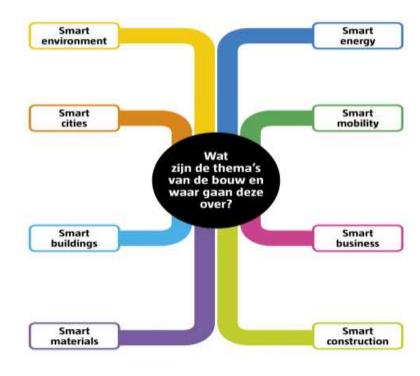
#### (SOURCE: COBIE UK)



# Future Map Building Sector



#### Themakaart Bouw





1-12-2016

### Roadmap 2017 – 2018



Enabler of cooperation in digital building and maintenance/use via focus on open BIM Standards

'the BIM Club'

Scaling its use

targets 2018

Integrated set of open standards







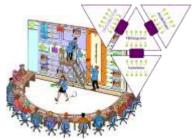
## Vision 2020 with 8 keystones



System Integrator and director



Virtual organization



Integrated processes and tooling



Virtual building first



Data and Information



Asset knowledge



'Legolization'



Robotizing

## Observations/Conclusions

- The BIM engine is running in the Netherlands
- Life-cycle data and information for maintenance/use
- Open Standards are a Precondition for the future
- A key value is Building data instead of Building knowledge
- Rapid development and many innovations in the building sector
- New Parties (Google, IKEA, Tesla,...) might enter our Industry

