buildingSMART®

buildingSMART Regulatory Room Standards Summit Estonia 2020-02-20

Technology

- **Rule Interoperability report**
- led by Nicholas Nisbet

- **Application Forms report**
- led by Nicholas Nisbet

What are the next steps?

Commercial

- **E-submission guideline report,**
- led by Masaki Muto

- **Business case for automated regulatory compliance report,**
- led by Tamir El-Diraby

What are the next steps?

Political

- **Regulatory Room roadmap**
- led by Tomi Henttinen

- **Regulatory Room message**
- led by Franco Coin

What are the next steps?

Message to regulator

session exercise in Beijing

WHY
Reliability
Avoid legal issues
Better Services
Harmonize
Society Game Changer
Fast
Enhance paricipation
Transparency
Improve Reputation

OPEN BIM is the language to talk with citizens

+ OPEN RULES

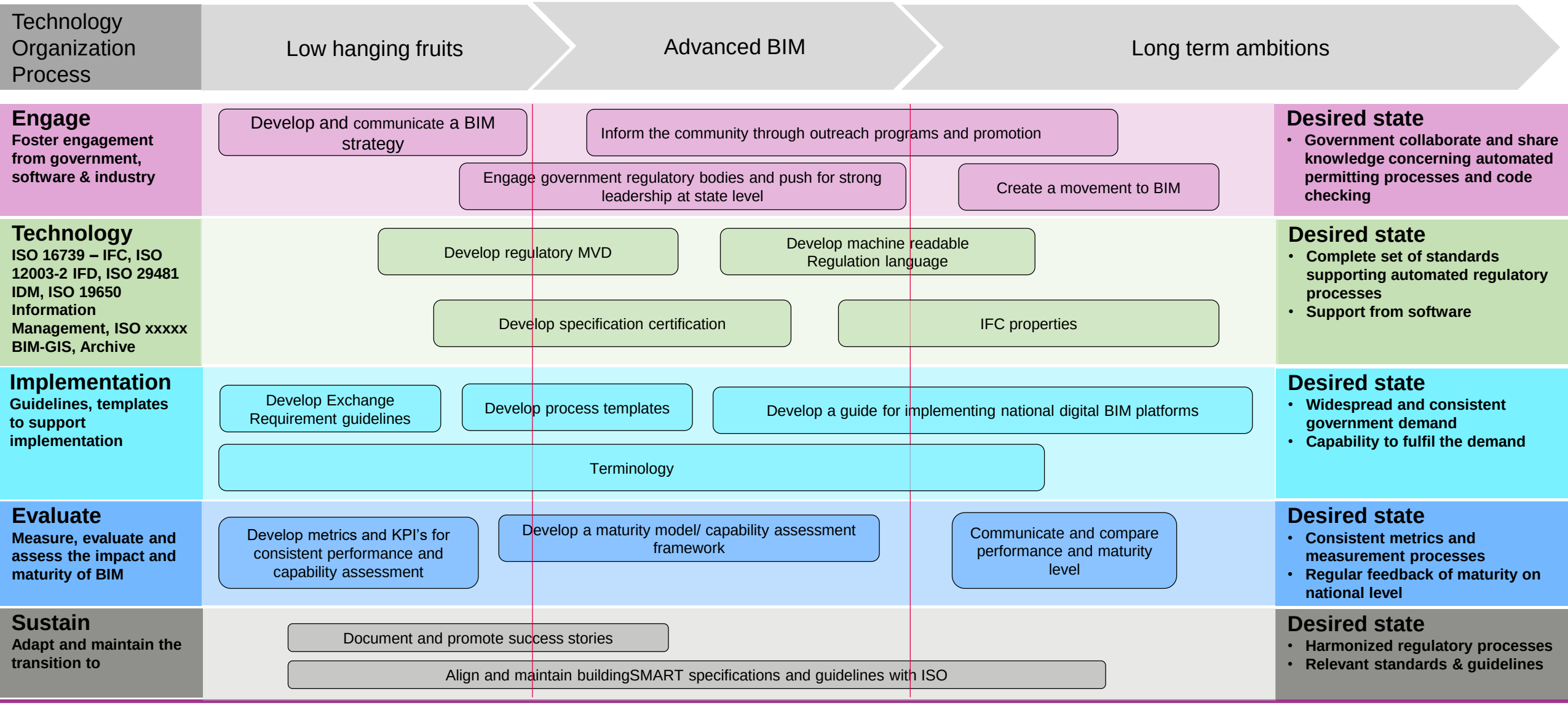
HOW
Use cases
Creating consensus
NOrms

WHAT
Faster digitalization
Control
Efficiency
Acuracy

- **Regulatory Room message**
- led by Franco Coin

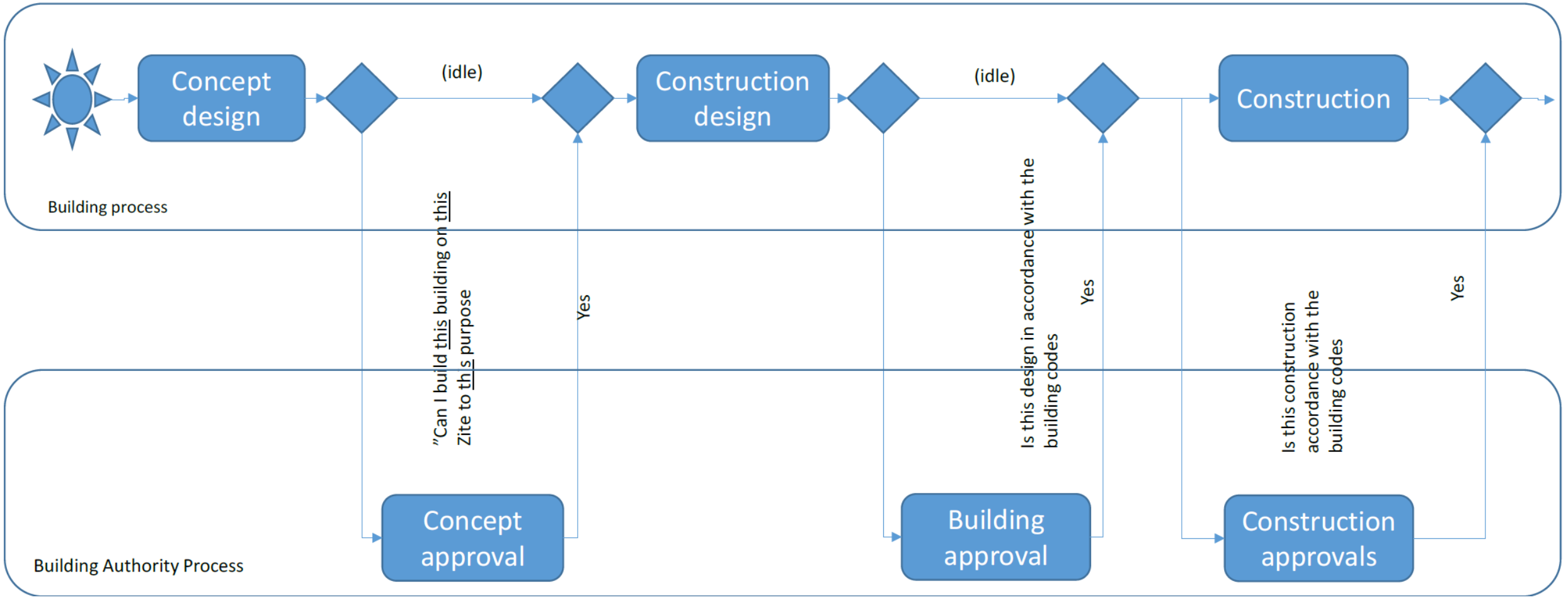
Roadmap to automated regulatory processes in construction through BIM

Inspired by buildingSMART Canada Roadmap



- **Regulatory Room roadmap**
- led by Tomi Henttinen

buildingSMART International



- **E-submission guideline report,**
- led by Masaki Muto

buildingSMART International

Situation Models

Site (existing/intended)

- ***Name and other identifiers***
- ***Description***
- ***Classification***
    - Address
    - Geolocation
    - Administrative region(s)
    - Planning zone(s)
    - Ecological zone(s)

- **Zones (areas)**
    - *Name*
    - *Description*
    - *Classification*
    - Parking
    - Soft Landscaped
    - Hard
    - Facility/Building
    - Activities
        - Jobs
        - Occupants
        - Usage hours
        - Waste generation
    - * above/below ground

Project (change process)

- ***Name and other identifiers***
- ***Description***
- ***Classification***
    - Renovation
    - Restoration
    - Conservation
    - Consolidation
    - New
    - Temporary/permanent

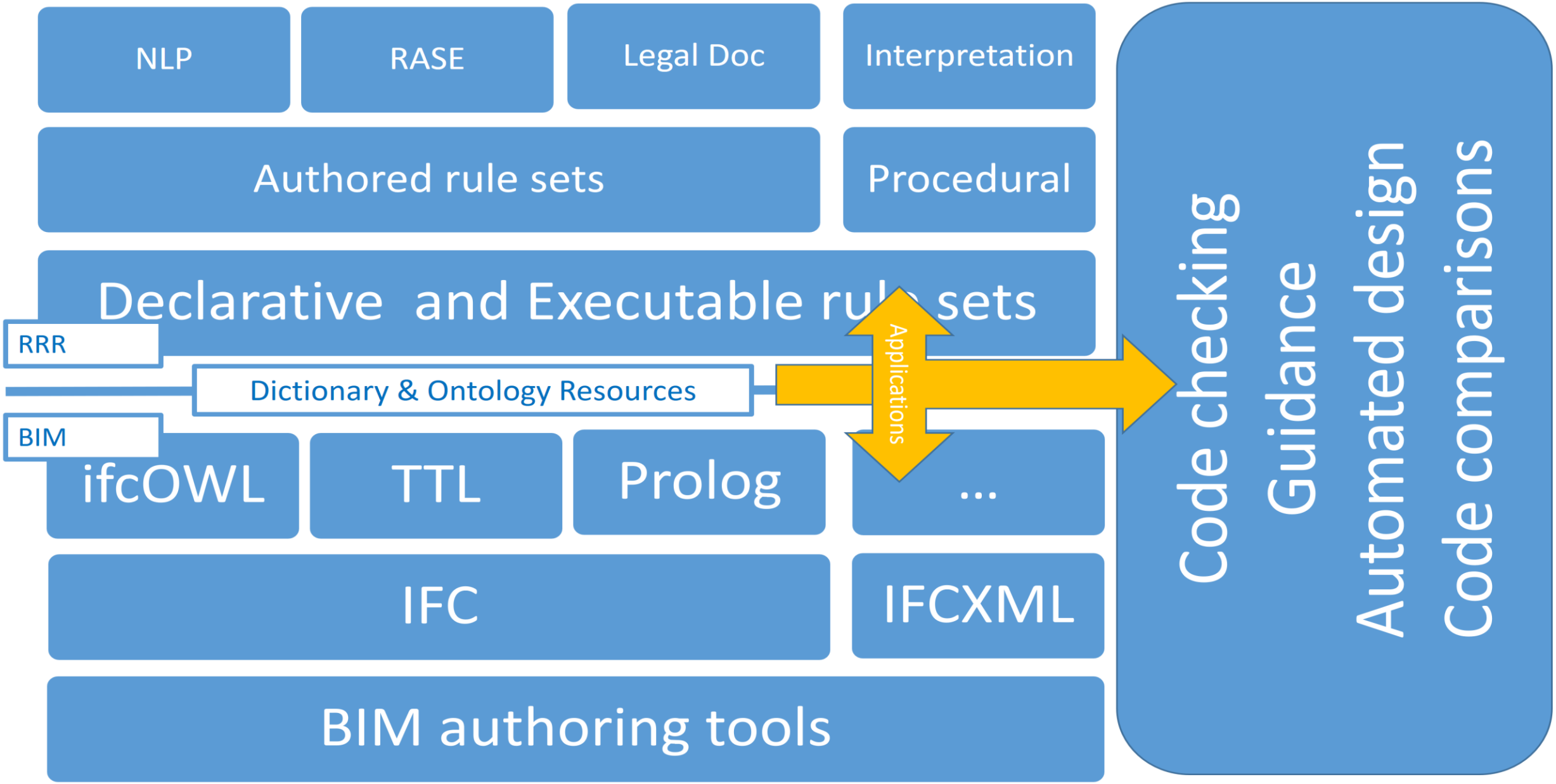
- **Timing**
    - Start date
    - finish dates
    - Expected duration
    - Usage hours

- **Construction Logistics**
    - Access
    - Cranes and temporary works
    - Work outside curtilage
    - Waste generated

Facility/Building (existing/intended)

- ***Name and other identifiers***
- ***Description***
- ***Classification***
    - Use
    - Historic protection
    - Fire
- **Systems**
    - ***Name***
    - ***Description***
    - ***Classification***
    - Dominant materials
    - Energy consumption

- **Application Forms report**
- led by Nicholas Nisbet



- **Rule Interoperability report**
- led by Nicholas Nisbet

buildingSMART International

buildingSMART®

buildingSMART Regulatory Room Standards Summit Estonia 2020-02-20