

Czech BIM strategy

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Government organizations involved in BIM strategy

Ministry of Industry and Trade (MPO)

- key guarantor on the government level

State Fund of Transport Infrastructure (SFDI)

- guarantor under the Ministry of Transport

Czech Agency for Standardization (ČAS)

- a funded professional organization under MPO

Governmental resolution Nr. 682 from 25/9/2017 about the BIM strategy

BIM strategy milestone – 2022

- BIM mandatory for public procurement for tenders
over 5 mil. Euro

Do we really need mandatory BIM?

- Strong message to construction market to innovate
- Fixed milestone for organization plans
- Mandatory will be step by step

- BIM as the important part of Build Environment
- Connected Digital Twin concept
- Digital technical maps
- Digital building permits



What is mandatory BIM?

3 basic pillars of mandatory BIM

- BIM protocol with all appendixes
- Common Data Environment (CDE)
- IFC information model
 - proceed under Czech Data Construction Standard



Czech agency for standardization – founded 1. 1. 2018

Two agency departments

- Technical standards (transferred from the previous organization)
- BIM strategy

BIM strategy department

- Authorize the Minister for Industry and Trade to carry out most of the Strategy
- A professional government platform bringing together experts from the areas
 - public administration, private companies and academic institutions
- Our tasks: **standards, methodology (guidance), education**



Vision

Standardization and methodological support for digitization
to achieve more efficient construction.

Mision

Using standardization, education and communication
to accelerate the innovative development of the BIM method
and thus to make a significant contribution
to a higher efficiency of the construction projects through improved
collaboration, information sharing, and relationship cultivation.



BIM strategy department workgroups

PS01 Pilot projects

PS02 Procurement, project management, contracts

PS03 Data standards and information requirements

PS04 Estimating, bill of quantity

PS05 Education, promotion

PS06 Terminology and standards

PS07 Facility management (2019)

BIM&Geo – collaboration BIM a GIS

Actually around 30 experts



BIM strategy – key outcomes

Digital process for the public procurers

- Czech construction contract standard
- Guidance for public procurement with BIM
- CDE guidance, ISO 19650
- Change management guidance

Data standards

- Czech construction standard – based on CEN TC 442
- Classification system – based on ISO 12006-2



BIM KONCEPCE 2022

Countdown start...
It is time to collaborate.

