

# WISZA, s.r.o.

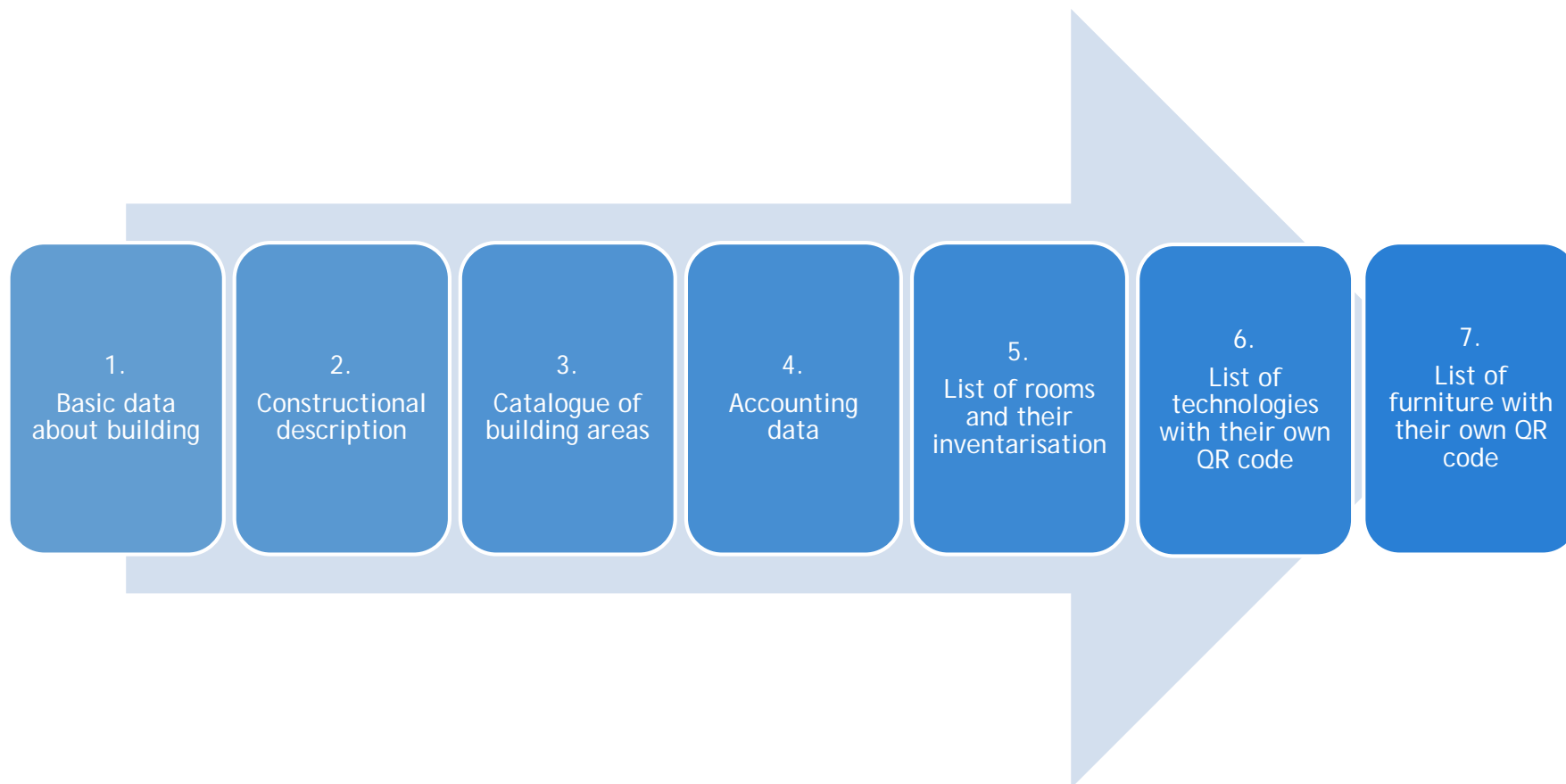
## Service offer

# DIGITAL ESTATE MANAGEMENT

Building birth certificate



# CREATION OF BUILDING BIRTH CERTIFICATE

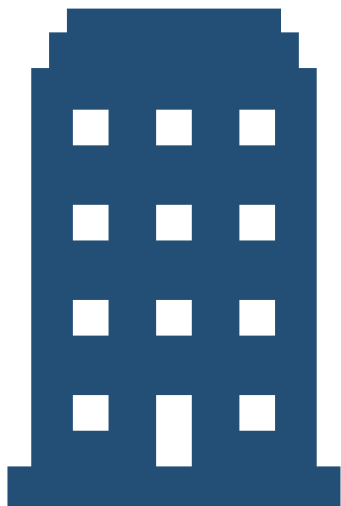


# 1. BASIC DATA ABOUT BUILDING



- ▶ Name of building
- ▶ Identification of building (address, parcel number)
- ▶ Determining the location of the building
- ▶ Building location
- ▶ Purpose of the building
- ▶ Dimensions of the building
- ▶ Year of building approval
- ▶ Total floor area

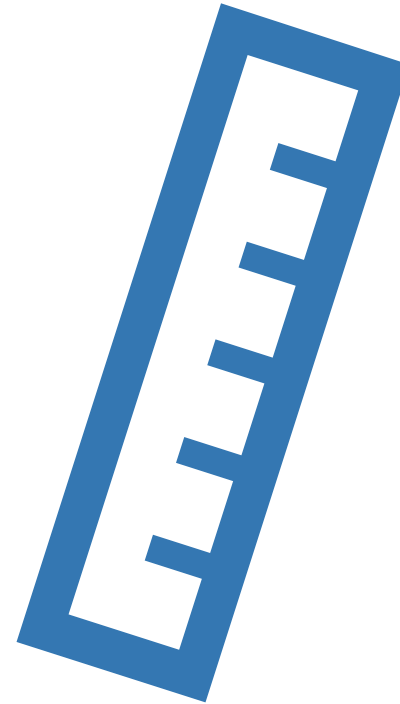
## 2. CONSTRUCTIONAL DESCRIPTION



- ▶ The set contains a building-technical description of the building including setting optimal operational costs, drafting a plan of revisions, etc.
  - ▶ Heat sources - internal, external
  - ▶ Heating and hot water preparation + additional energy facilities
  - ▶ Ventilation and air conditioning
  - ▶ Lifting equipment
  - ▶ Electrical equipment - weak current, heavy current
  - ▶ Additional sources of electricity
  - ▶ I&C
  - ▶ Fire protection devices
  - ▶ Sanitary equipment, sewage
  - ▶ Other building facilities - radio, computer network, telephone exchange, key systems, etc.

# 3. CATALOGUE OF BUILDING AREAS

- ▶ Inventory of all areas in the building - office and others
- ▶ **Optimizing** the use of areas
- ▶ Výmera všetkých plôch v objekte
- ▶ Capacity
- ▶ Numbers of telephone and PC connections
- ▶ List of areas (walls, floors, ceilings) for **maintenance** work such as painting and cleaning



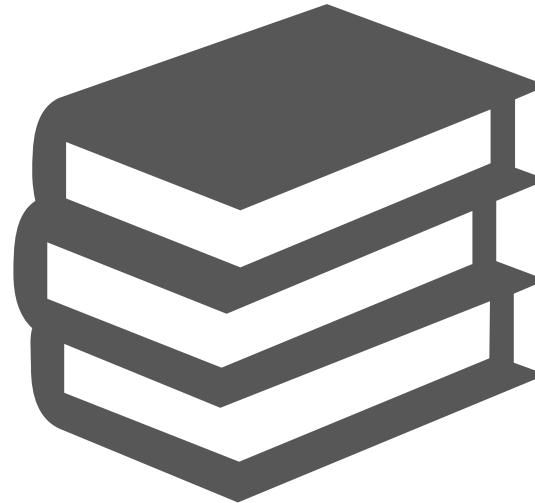
## 4. ACCOUNTING DATA - ABOUT

- ▶ Purchase price
- ▶ Taxes depreciation
- ▶ Repairs
- ▶ Records of repairs and equipment costs
- ▶ Assignment of inventory numbers



# 5. LIST OF ROOMS "INVENTORY BY LOCATION"

- ▶ Room description - location, area, height
- ▶ Description of building elements - windows, doors, etc.
- ▶ Description of lighting in the room
- ▶ List of furniture in the room
- ▶ List of devices in the room
- ▶ List of technological and technical equipment in the room
- ▶ The "Inventory by placement" set includes a shortened version of the book of rooms







## 6. LIST OF TECHNOLOGIES WITH THEIR OWN QR CODE



- ▶ The set contains all technical, technological and specified technical equipment with QR codes
- ▶ Inventory and list of specified technical equipment
  - ▶ Electrical
  - ▶ Gas
  - ▶ Pressure
  - ▶ Lifting
- ▶ Labeling of equipment and assignment of documents (manual, revision report) directly to equipment
- ▶ Revision planning with automatic notification system



# 7. LIST OF FURNITURE WITH THEIR OWN QR CODE

- ▶ The set contains all furniture with QR codes
  - ▶ Inventory and list of all furniture associated with the room and building
  - ▶ Possibility to track relocation of objects

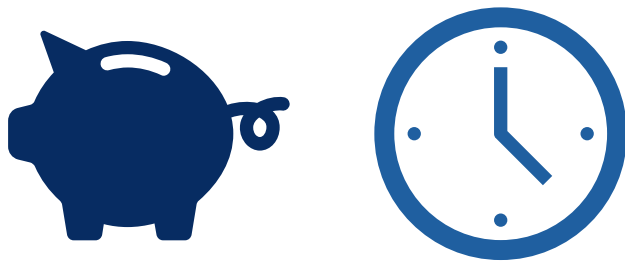


# SIMPLY EDITABLE FLOOR PLANS

- ▶ always **precise** and **actual** space dimensions,
- ▶ simple change of **office** / **apartment** layout,
- ▶ time and money savings in editing of floor plans,
- ▶ making of documents for **building changes** / **modifications**,
- ▶ making of various stages in the reconstruction (before, during, after),
- ▶ 3D model serves as a basis for energy and technical audit (building passport).

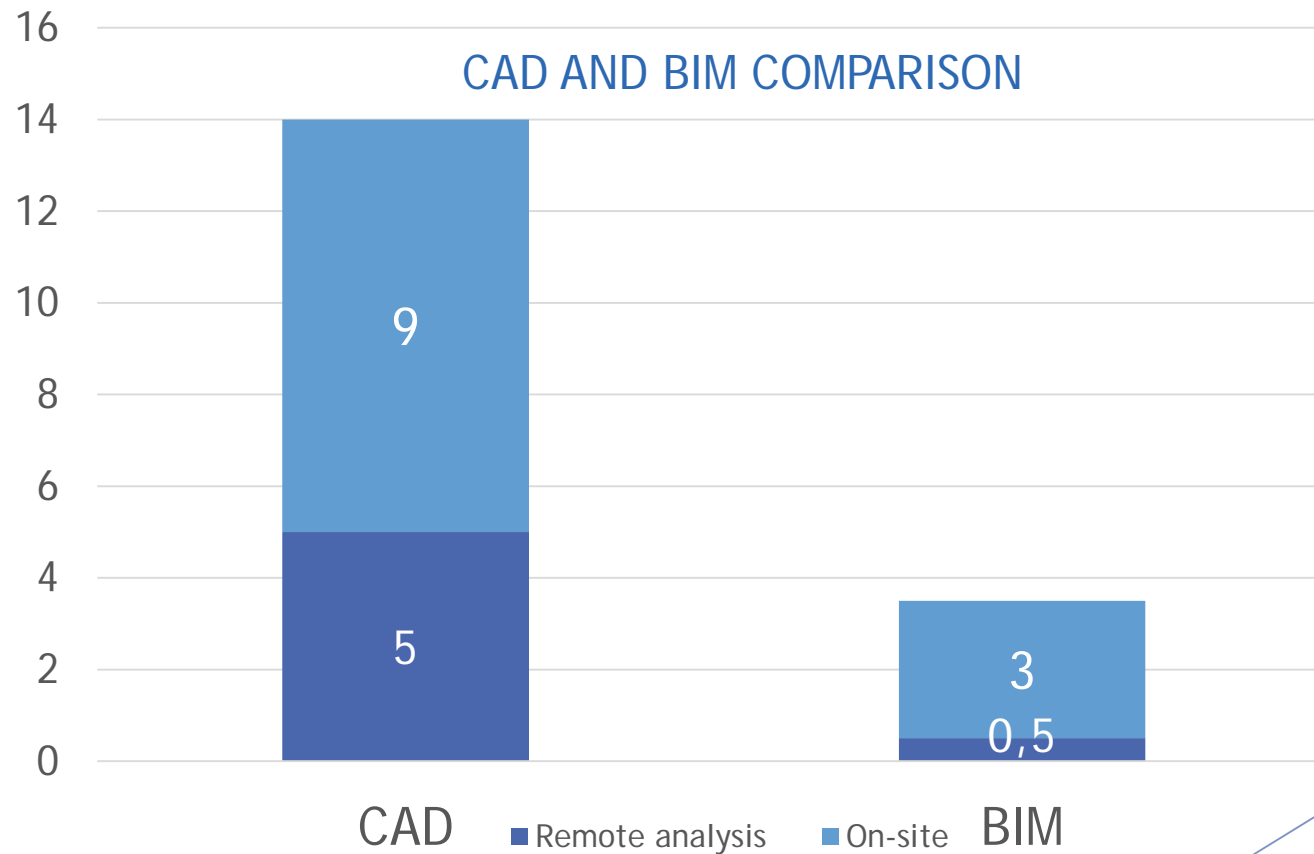


# SAVE TIME AND MONEY WHEN USING DIGITAL BUILDING MODELS



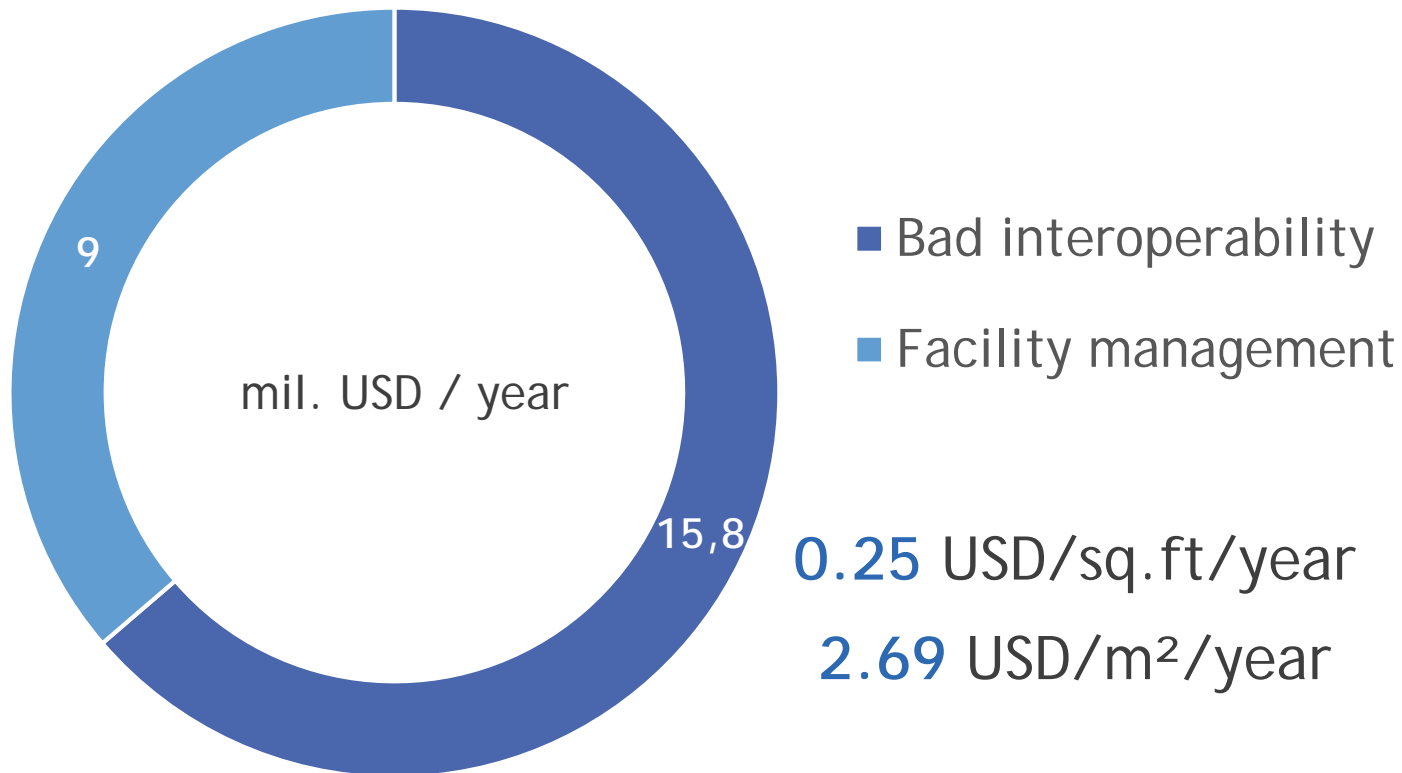
- ▶ all information stored in **one place**,
- ▶ uncluttered information **storing** and their simple **lookup**,
- ▶ **data security** and availability,
- ▶ efficient work with drawing documentation,
- ▶ minimizing the cost of repairing and maintaining technical equipment,
- ▶ faster response to **solving** breakdowns,
- ▶ less **time** spent at the site of breakdown.

# TIME SAVING FOR BUILDING MAINTENANCE UP TO 60%



SOURCE: NFMT 2013 The National Facilities Management and Technology Conference

# FINANCIAL LOSS IN FACILITY MANAGEMENT



SOURCE: National Institute of Standards and Technology, USA

# SIMPLIFIED AND PLANNED MAINTENANCE WITH WEB-BASED SOLUTION

- ▶ using tablet and smartphone apps,
- ▶ automatic notification of planned revisions as well as notice at the end of the rental period,
- ▶ centralization of documents and information,
- ▶ information, documents and 3D model available in the field,
- ▶ secure access to the system.





# ENERGY AUDIT

Energy audit not only assesses energy demands of production, but also looks for possible energy savings and proposes measures, which lead to a **reduction in energy consumption of buildings**, sites, institutions and also quantify their economic demands and return.

The audit results are:

- ▶ Specific outputs about the amount of energy savings
- ▶ Suggestion of at least two options of solution
- ▶ Outputs of investment costs
- ▶ Economic benefits of energy savings
- ▶ Environmental benefits of suggested solutions
- ▶ Basis for deciding on investments in building reconstruction

 Basic description of the current state of the energy economy

 Suggestion of energy-saving options and their evaluation

 Energy audit



# SUMMARY

WISZA, s.r.o. company, together with long-term partners, provides an overall digitalization of objects,, which is subsequently used in the management of objects, energy and building audits, reconstructions and inventory.

