



The Futurium is located at the river Spree next to the Ministry of Education and Research, which was as well a PPP project by BAM Deutschland AG.

The building offers approximately 8.000 m<sup>2</sup> of floor space for special exhibitions and events. The starting point for the tendering procedure of this PPP project was the winning design by the Berlin architect agency Richter Musikowski.

The design reflects the urban environment, is extremely energy and climate friendly and offers one large room without walls. Two large glass walls on both sides open up the building, offering visitors an impressive panoramic view over the city and the river Spree.

The energy-efficient nature of the building includes solar, thermal and photovoltaic systems for power generation, plus storage of solar energy in batteries. Sustainability certification is pursued to a level comparable to the gold standard of the German evaluation system for Sustainable Building (BNB).

During work planning the benefits of BIM have been experienced to solve difficult geometrical issues and generate layouts, detailed plans and lists from the model.

With BIM 360 the site managers always have the model and actual plans with them on the iPad. In addition, it is used for Issue Management as well as for Quality Assurance, Quality Control and Safety.

**Client:**

Bundesanstalt für Immobilienaufgaben  
Direktion Berlin FN

**Contractor:**

BAM Deutschland AG

**Design team:**

**Architect (1-4):** Richter Musikowski GmbH

**Architect (5):** BAM Deutschland AG

**Mechanical Planner:**

Ingenieurgesellschaft Grabe mbH

**Electrical Planner:**

Prinzing Elektrotechnik GmbH

**Structural Planner:**

Schüßler-Plan Ingenieurgesellschaft mbH

**Sustainability:**

WSGreenTechnologies GmbH & Co. KG

**Fire Protection Planner:**

hhp Ingenieure für Brandschutz GmbH

**Lighting Design:**

realities:united studio

**Contract value:** 58 mn. €

**Floor area:** 13.660 m<sup>2</sup>

**Completion:** Q1/2017

**Key features**

- BIM work planning
- BIM2Field
  - Model and actual plans on iPad
  - Issue Management
  - QA/QC
  - Safety