



PMK Lean Building

Олег Матершев | Алексей Меркулов

| Цель

PMK Group is an independent international situated construction company founded 2001.

PMK is listed at SIX swiss stock exchange. Its head office is in Sarnen, Switzerland.

PMK offices, based in Switzerland, Germany and Russia, enable us to perform worldwide and to keep our competences up to date. We adopt best engineering and management practices to your unique local project circumstances.

Our experience and network allow us to setup a team for any project scale, stage and branch, from single house to city planning, from initial idea to commissioning, from residential to nuclear power plant!

You will love your project spiced with our innovative management and engineering tools like Lean Construction Management, Scrum, Building Information Modeling, Virtual and Augmented Reality!

География

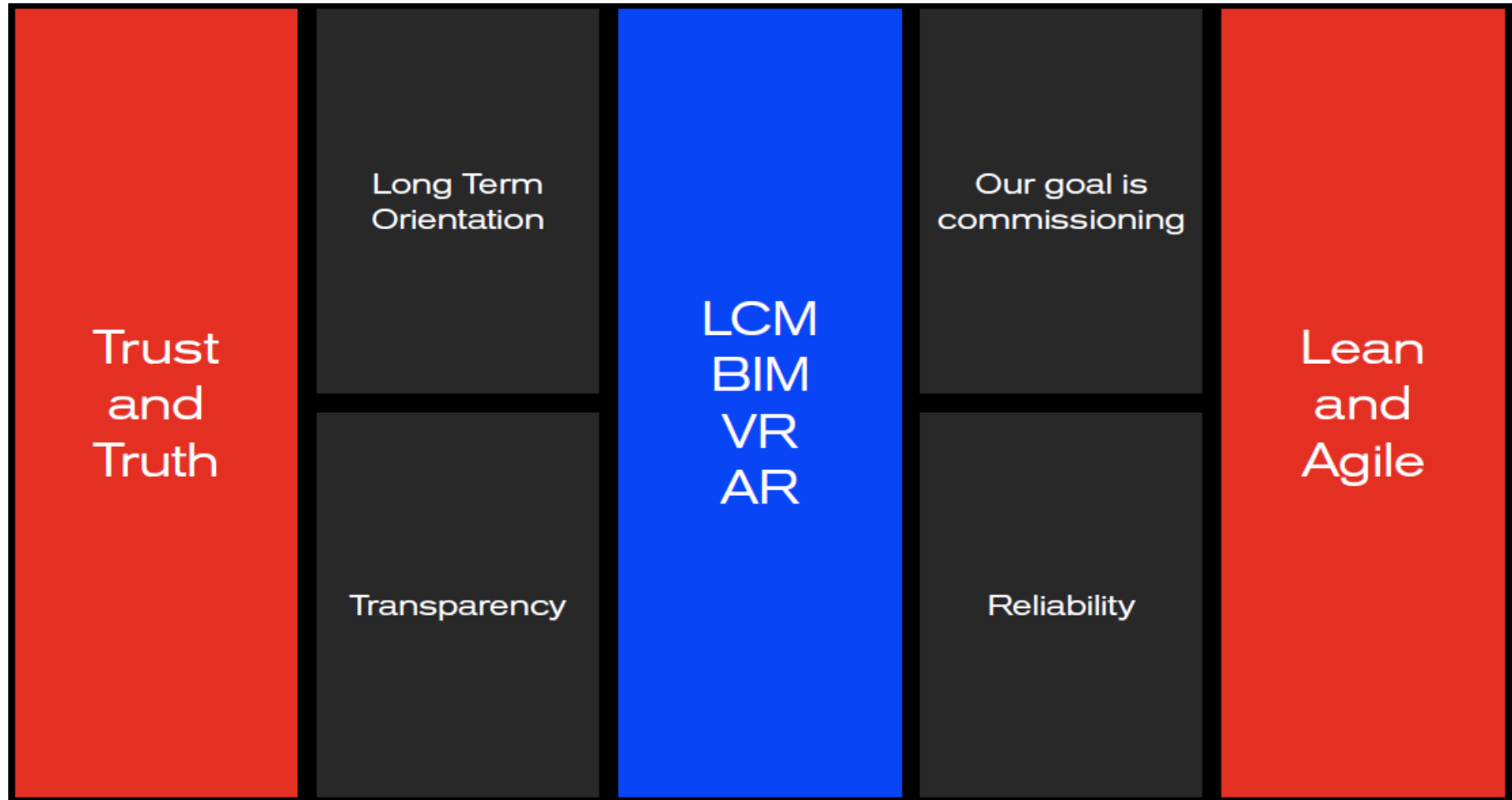


PMK SWISS
PMK Swiss AG
Industriestrasse Sarnen,
Switzerland 22, 6060

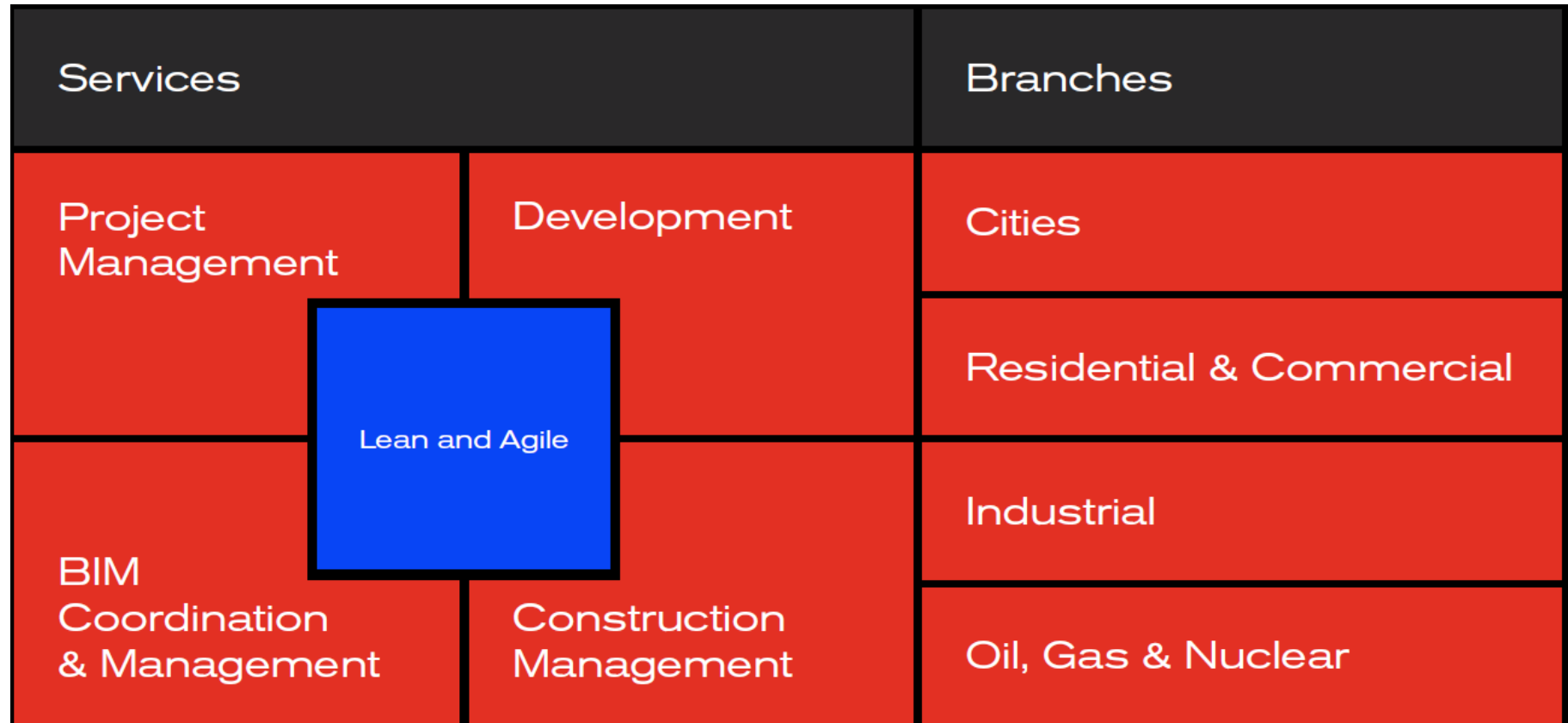
PMK GERMANY
PMK Lean Building GmbH
Hackländerstraße 23
70184 Stuttgart, Germany

PMK MOSCOW
ООО „ПМК“
Orlikov 6
107078 Moscow, Russia

Корпоративные ценности



Отрасли



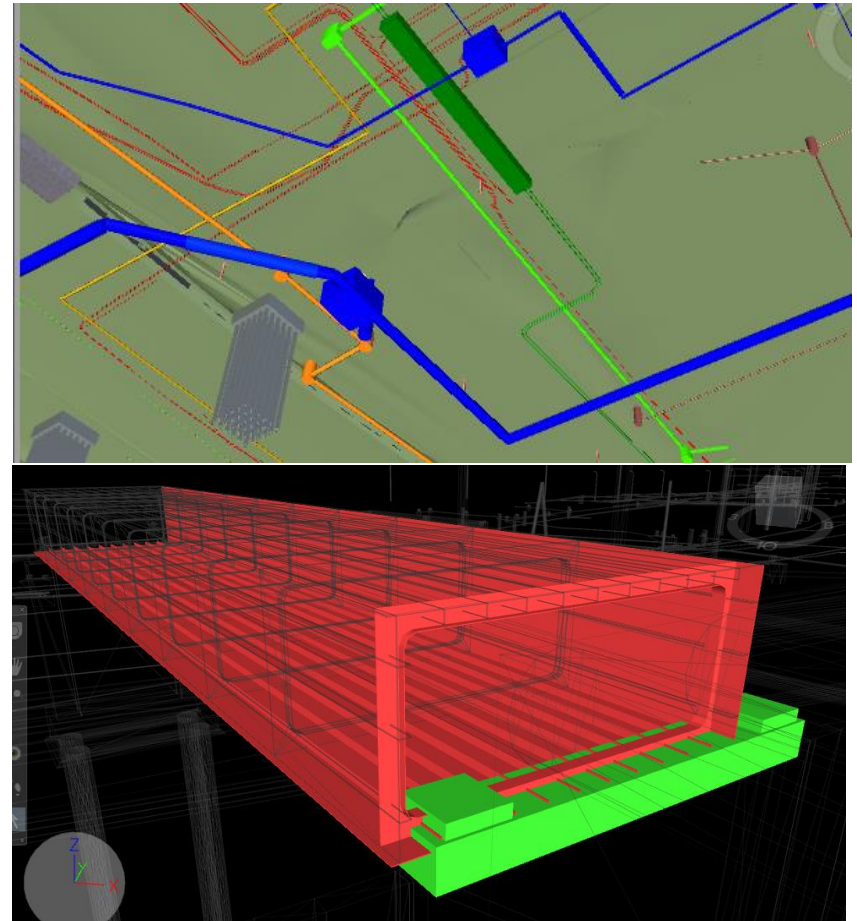
| BIM Coordination & Management

- BIM Strategy
- Employer Information Requirements (EIR)
- Bim Execution Plan (BEP)
- Defining of collaboration platform requirements
- Data security and data consistence
- Cordination and conflict management
- Ongoing supervision
- Test runs for concept and model validation
- Coordination models development
- Definition of responsibilities for construction grid and levelling

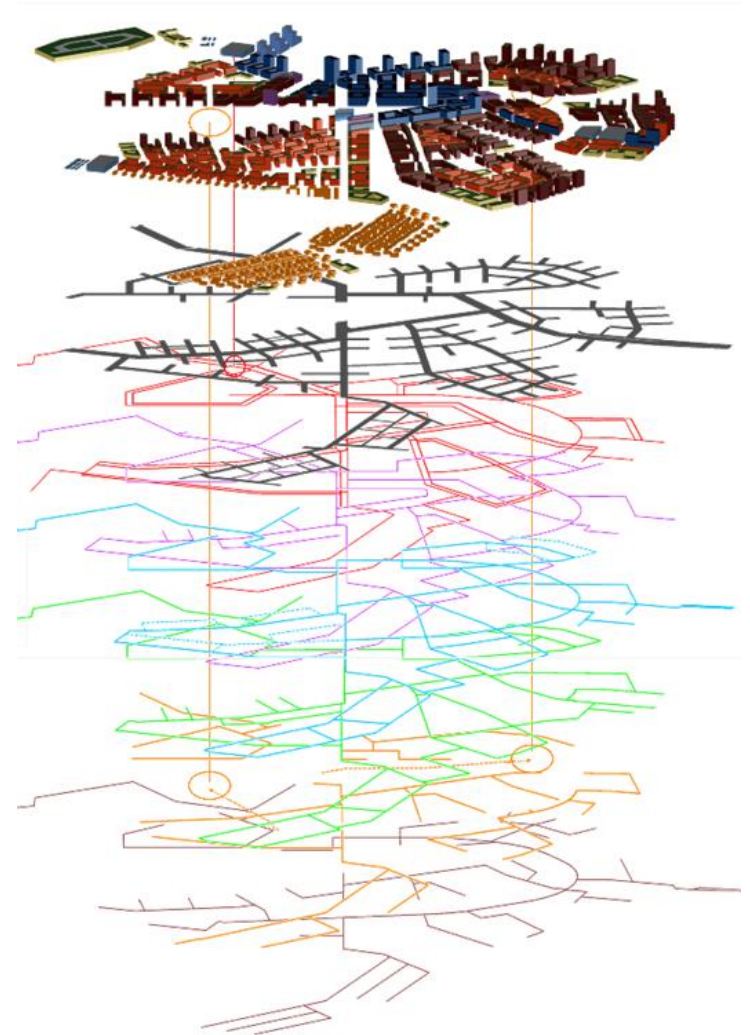
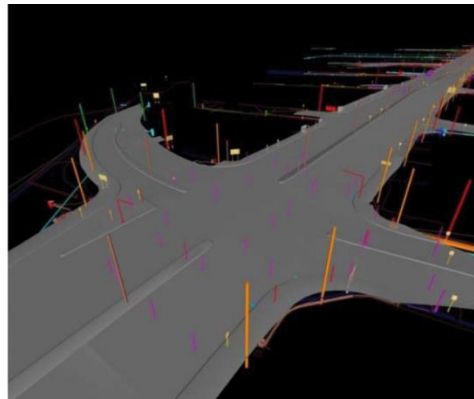
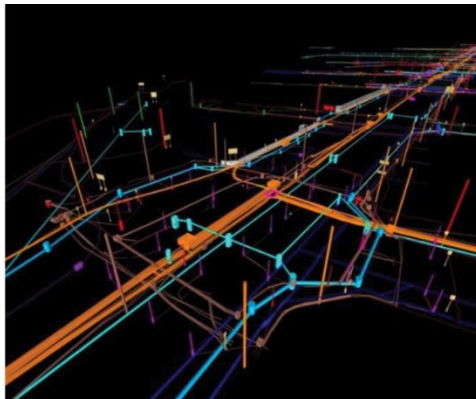
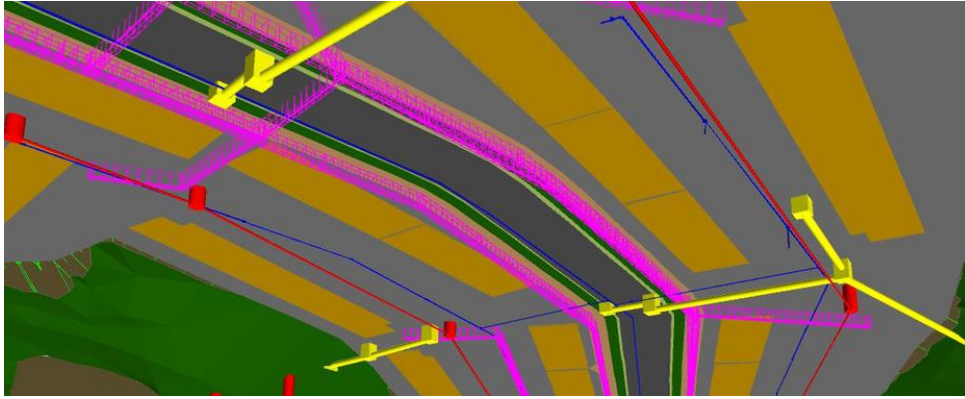
| City Development

- Smart city concept
- Initial data sourcing
- Master plan development
- Master schedule and budget development
- Natural, cultural, transport analysis
- Authorities and monopolist management
- Deal breaker identifying
- Financial modelling
- Micro climate simulation
- Certification DGNB, BREAM, LEED

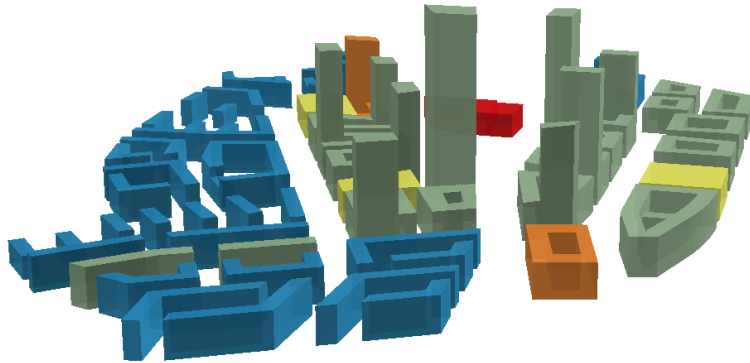
| Coordination



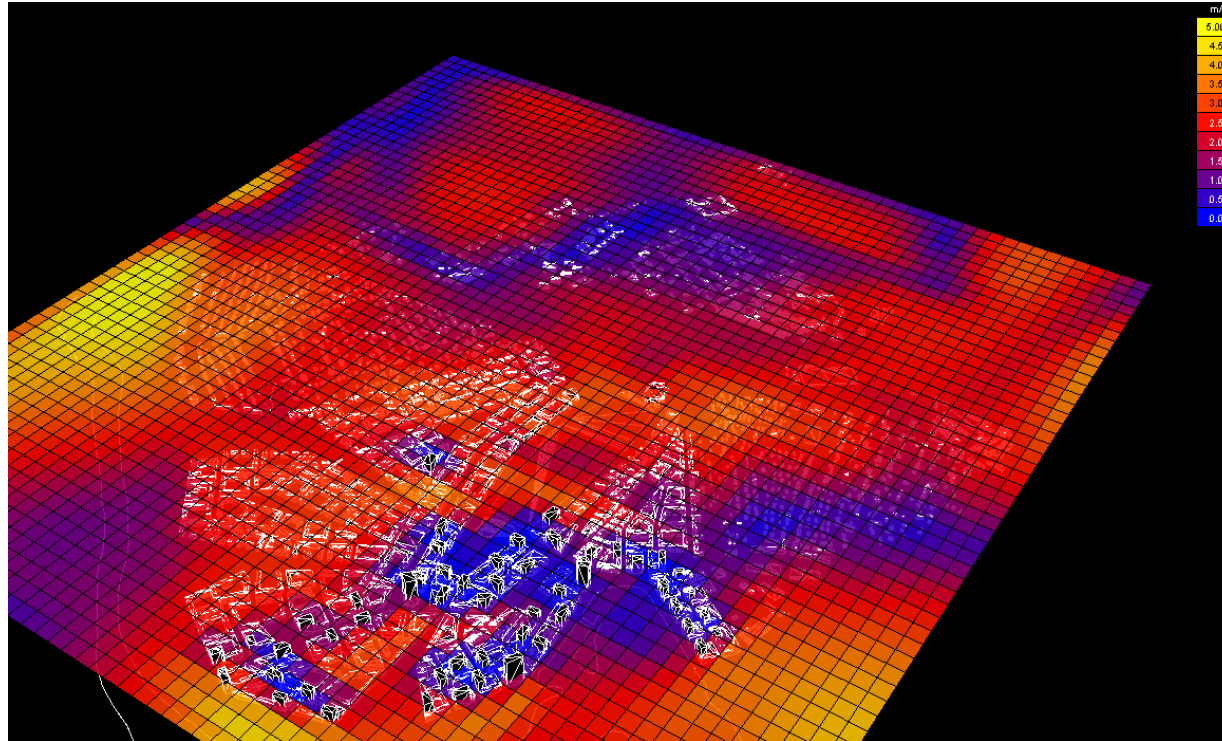
| Coordination



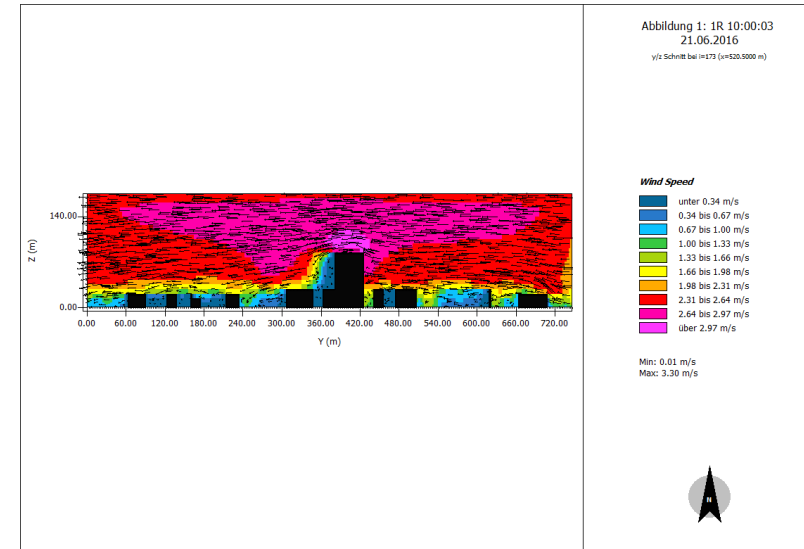
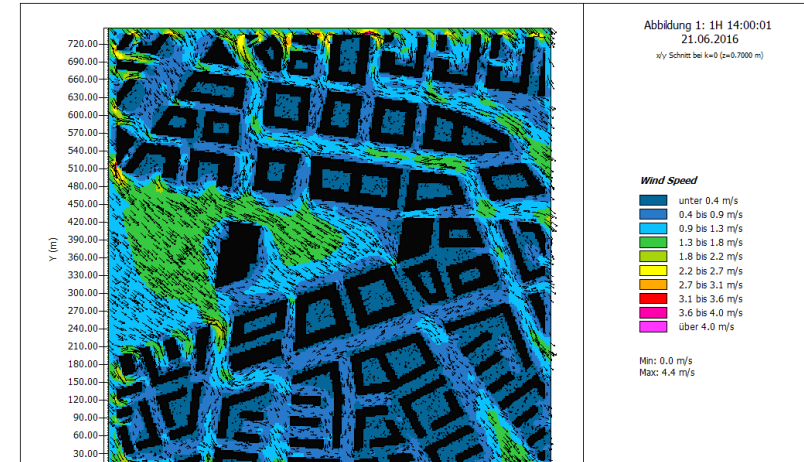
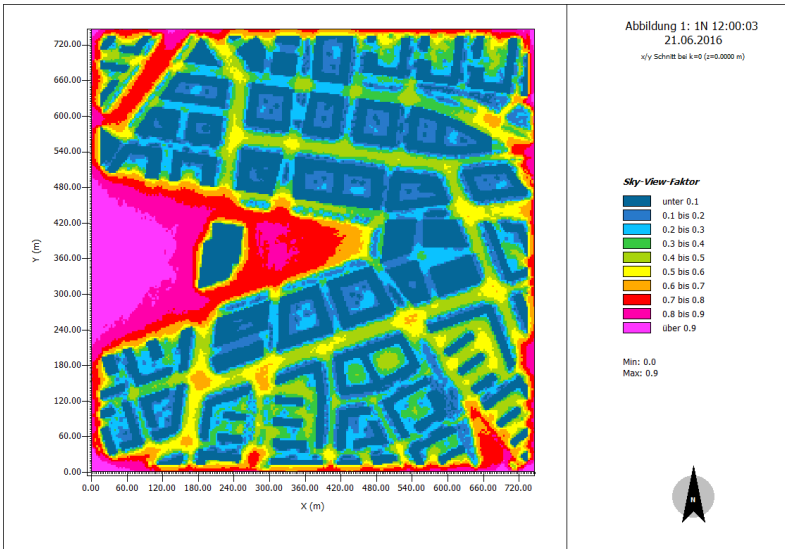
Information



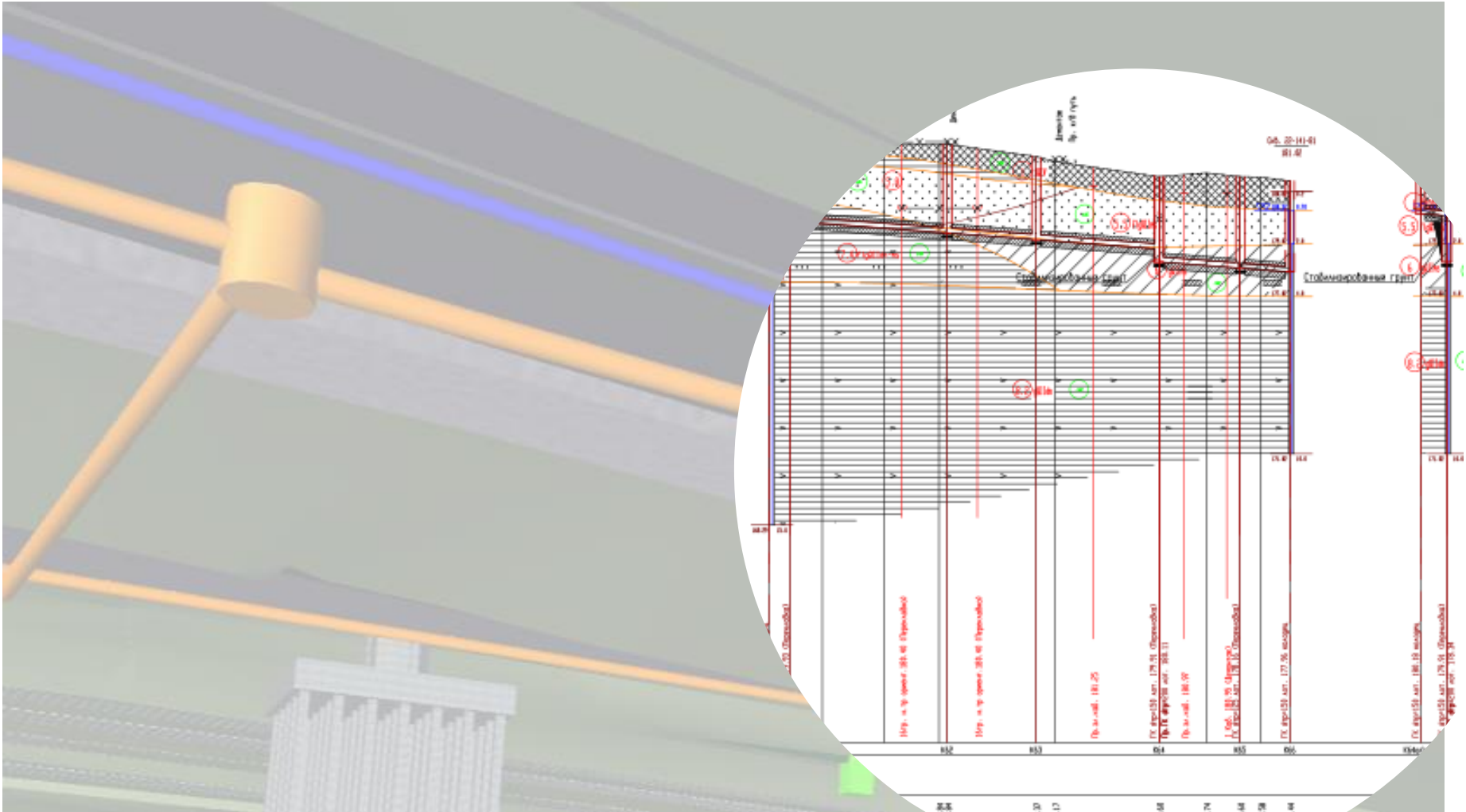
Simulation



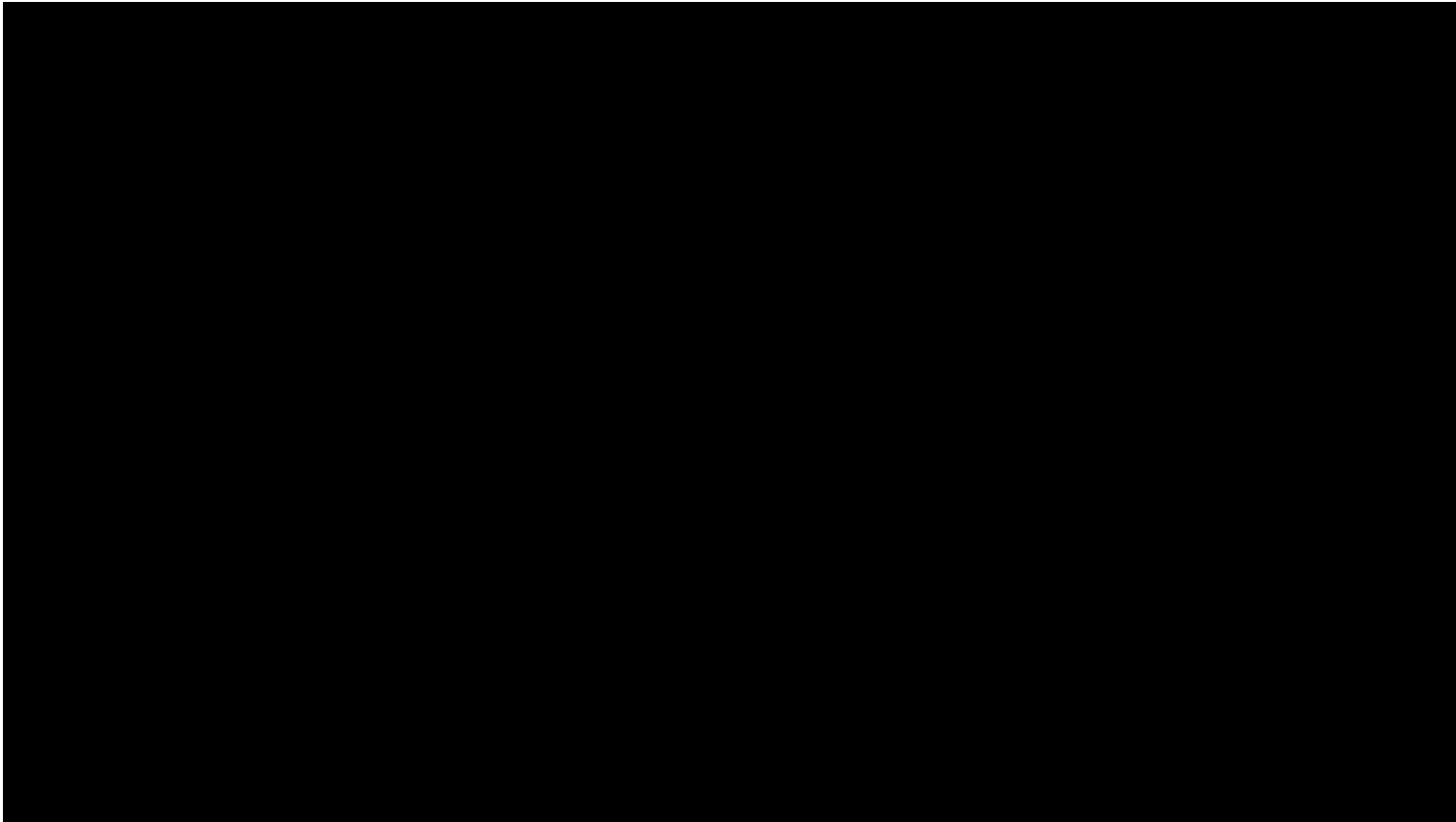
Simulation



Documentation



| Presentation VR & AR



| Требования к BIM модели

1. Общие сведения	3
1.1. Основные термины и определения	3
2. Требования к BIM модели	6
2.1. Общие требования к модели	6
2.2. Состав разделов модели	6
2.3. Требования к уровню проработки модели (LOD)	7
2.4. Требования к базовому файлу модели	9
2.5. Требования к качеству модели	9
2.6. Требования к функциональности модели	11
2.7. Требования к наименованию файлов модели	11
2.8. Требования к именованию в среде Autodesk Revit	13
3. Требования к BIM моделям по разделам	14
3.1. Архитектурные решения (AR)	14
3.2. Технологическое оборудование (PD/TX)	15
3.3. Конструктивные решения (ST/SC/SS)	16
3.4. Инженерные решения (HVAC/WS)	17
3.5. Электроснабжение и электроосвещение (ES)	19
3.6. Инженерные решения (TC/FS)	21
3.7. Генплан (GP)	23
4. Порядок предоставления доступа к модели	26