

# Austrian Technology Days 2024

16 March 2024 – 23 March 2024 – Chongqing, Foshan and Hong Kong



Presenting  
**Michael Resch**

Founder & CEO  
at BIMEXPERTS and  
rtech engineering

25+ Years Specializing in High-  
Quality MEP Planning



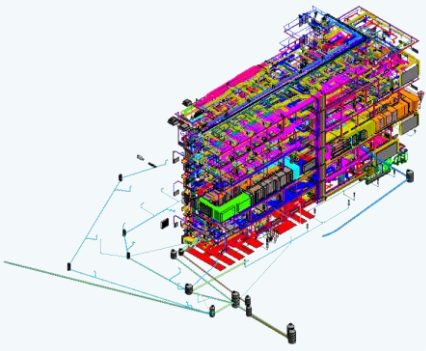
Presenting  
**Vanessa Straka**

Software Developer  
at BIMEXPERTS and  
rtech engineering



**BIMEXPERTS**  
We make every building **think!**





# INTRODUCING BIMEXPERTS

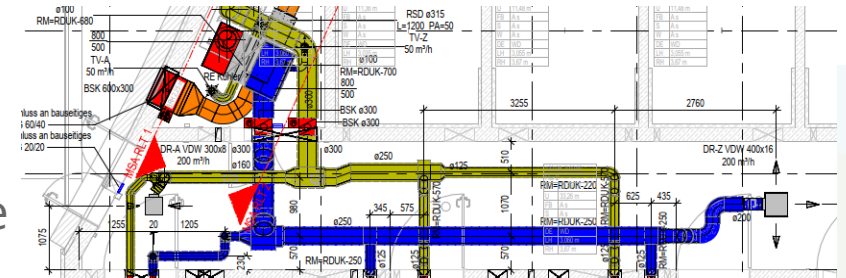
## WHERE INNOVATION MEETS TRADITION

- Specializing in MEP engineering with **Building Information Modelling (BIM)**
- close collaboration with rtech engineering, renowned for their traditional planning methods of technical building equipment



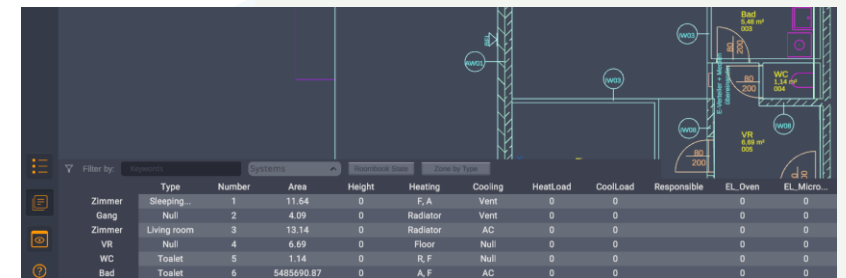
### Our vision

- guarantee that every building can think independently
- create a future in which our technology integrates seamlessly into construction with generative AI and single source



### Our expertise in MEP planning and BIM methodology

- enables us to transform your projects into smart, sustainable structures with a focus on decarbonization and automated energy efficient planning



Type	Number	Area	Height	Heating	Cooling	HeatLoad	CoolLoad	Responsible	EL_Oven	EL_Micro...
Zimmer	Sleeping...	1	11.64	0	F.A	0	0	0	0	0
Gang	Null	2	4.09	0	Radiator	0	0	0	0	0
Zimmer	Living room	3	13.14	0	Radiator	0	0	0	0	0
VR	Hall	4	6.69	0	Floor	0	0	0	0	0
WC	Toilet	5	1.14	0	R.F	0	0	0	0	0
Bad	Toilet	6	5485600.87	0	A.F	0	0	0	0	0

# ABOUT US



- Established since 2000
- 90+ employees
- 650+ projects
- 3.2+ billion managed construction volume
- Companies in 4 locations in Europe



- Parliament Building Vienna | 13,500 m<sup>2</sup> | Austria
- Nuclear Medicine Facility | 14,000 m<sup>2</sup> | Indonesia
- University Hospital Lübeck | 100,000 m<sup>2</sup> | Germany
- Austria Campus Vienna | 200,000 m<sup>2</sup> | Austria

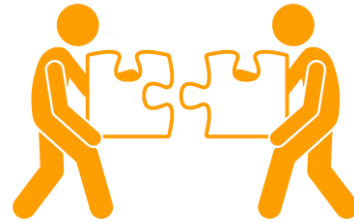


# SERVICES & PRODUCTS



- BIM Consulting & Management
- BIM Engineering & Modelling
- BIM Training & Education
- Calculation & Simulation
- Tendering
- 3D Laser Scanning
- Software Development

## SERVICES



CDE Single Source  
Generative AI for MEP

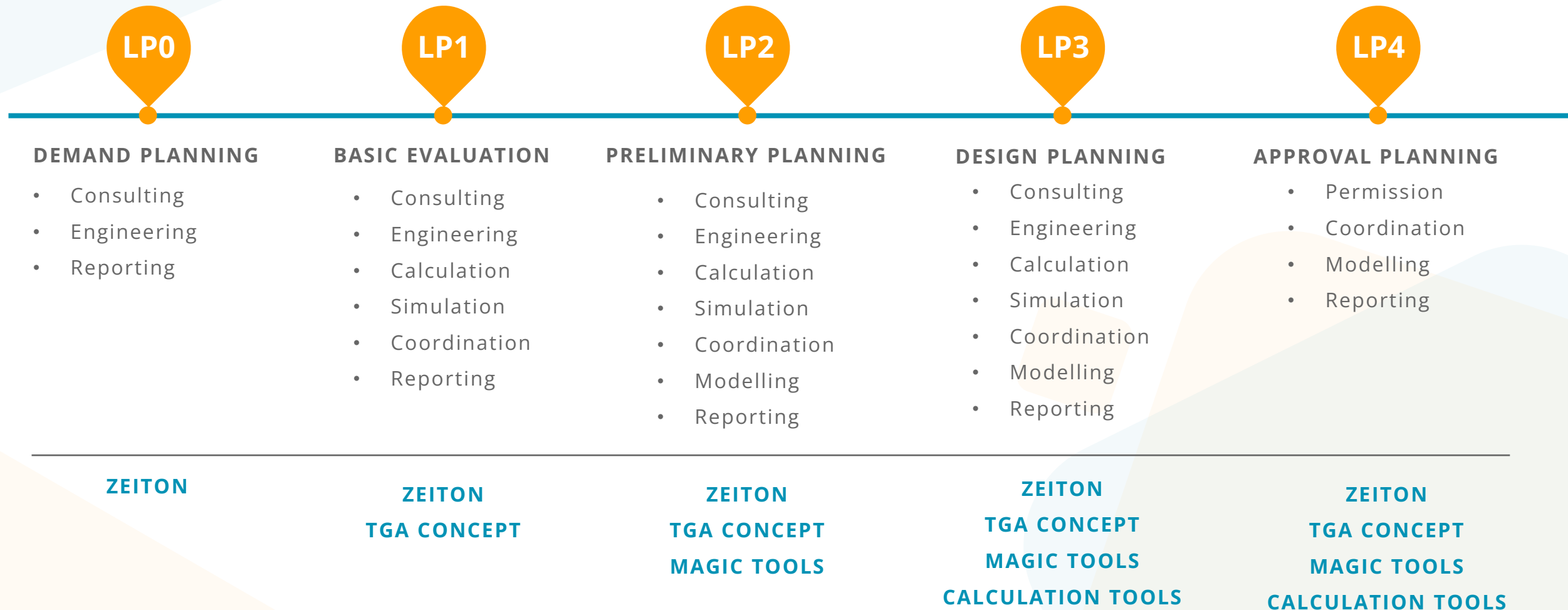


- TGA Concept
- ZEITON
- Calculation Tools
- Magic Tools
- BIMCheck
- Metaverse solutions
- Individual programming

## PRODUCTS

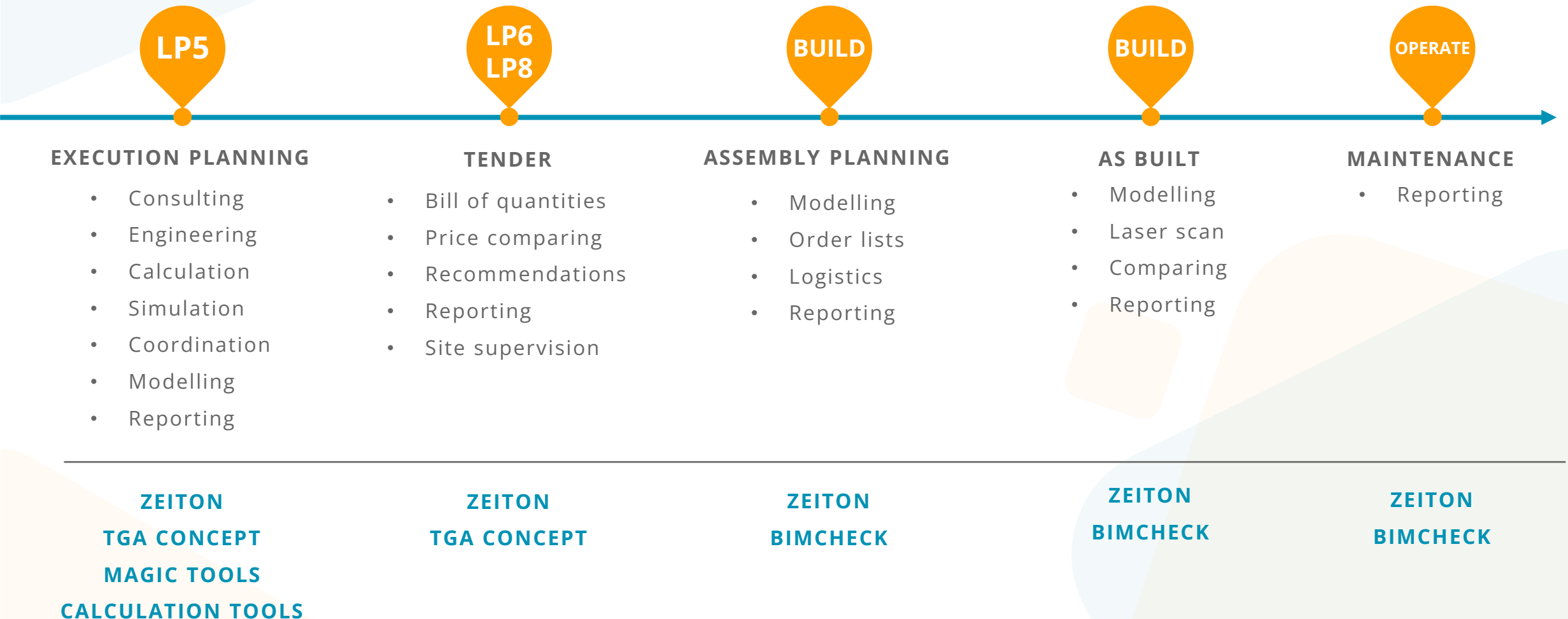
# SERVICE & PROJECT PHASES 1/2

Service phases + Project phases with connection to products in a CDE common data environment



# SERVICE & PROJECT PHASES 2/2

Service phases + Project phases with connection to products in a CDE common data environment





# SMART MOBILITY & SUSTAINABLE CONSTRUCTION

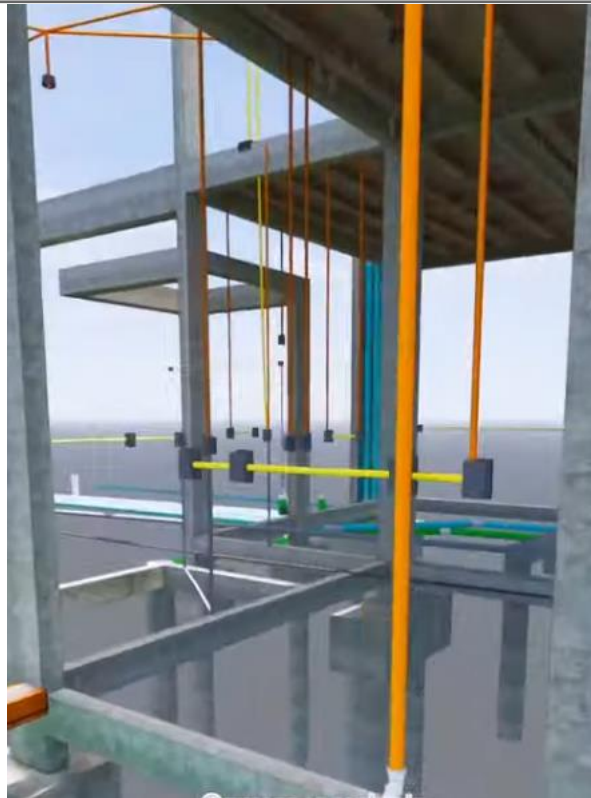
## BIMCHECK

### Partner:

FFG Austrian Research  
Promotion Agency

### Goal:

- pioneer innovative digitalization solutions in construction
- optimize cost
- resource savings



## METaverse

### Partner:

PropX, Huawei and BIMEXPERTS

### Goal:

- creating immersive real estate experiences
- optimize property search
- digitize buildings and cities

### In Collaboration with:

Florian Huemer, Harvey Zhang Fan,  
Bernhard Ollmann, Sunder Jagannathan



# RESHAPING THE FUTURE OF CONSTRUCTION

## WITH FOCUS ON INNOVATION AND COLLABORATION

### Our Goals

- driving digital transformation in the construction industry
- reshaping the future of construction through technology and expertise and save energy.
- to provide all generations with easy-to-use technologies that make work fun (replace REVIT)

### The Goal of our services and products

- empower clients to achieve their goals of efficiency, quality, and sustainability in construction projects

We combine traditional engineering and modern software development to form a synchronized understanding to be more efficient.





# LET'S COLLABORATE TO CREATE A NEW CUSTOMER EXPERIENCE

**Interested in learning more about how BIMEXPERTS can transform your construction projects?**

Scan the QR code or follow the link to schedule a 15-minute complimentary consultations.

<https://bimexperts.com/en/contact>

**Together, let's build a better tomorrow!**

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