

COMET CENTRE (K1)

ABC RESEARCH GMBH

RESEARCH PROGRAMME: ABC – AUSTRIAN BLOCKCHAIN CENTER

Main location: Vienna

Other locations: Vorarlberg, Lower Austria

Thematic area: ICT/Digitalization

ABC RESEARCH

Austrian Blockchain Center



Thematic focuses

- Cryptographic basics
- Technology and Data Security
- Cryptoeconomic modeling and business applications
- Blockchains in manufacturing and emerging industries
- Data science methods for blockchain analysis & prediction
- Legal and policy aspects

Planned realisation and outcomes

- Business process management methods for blockchains and distributed ledgers
- Methods and tools for the development and verification of blockchain applications
- New consensus methods and data protection in Blockchains
- Software Engineering and Simulation Environments for Blockchain Applications
- Solution Maps and Prototypes for Applications in Accounting/Auditing, Trade Finance, IoT, M2M Economy
- Data science methods, tools and techniques for analyzing blockchain ecosystems

History of establishment

The ABC was founded in 2019 with the aim of being the interdisciplinary main contact for blockchain and related technologies in Austria and thus fulfilling point 3 of the 9-point Blockchain Austria Action Plan.

COMET FACTSHEET

Selected company partners (max. 10):

1. Austria PRO, Verein zur Förderung der elektronischen Datenübermittlung im Geschäftsverkehr
2. Binder Grösswang Rechtsanwälte GmbH
3. Bitpanda GmbH
4. BMCP Consulting GmbH
5. CCB Management Service GmbH
6. Herbst Kinsky Rechtsanwälte GmbH
7. Novomatic GmbH
8. Raiffeisen Bank International GmbH
9. Wien Energie GmbH
10. Wirtschaftskammer Österreich

Selected scientific partners (max. 5):

1. SBA Research
2. Vienna University of Economics and Business
3. St. Pölten University of Applied Sciences
4. Austrian Institute of Technology (AIT)
5. RIAT - Institute for Future Cryptoeconomics

Selected international¹ partners (max. 5):

1. University Kassel DLT Research Group
2. University Zürich URPP Social Networks
3. University of Nicosia Blockchain Initiative
4. Frankfurt School of Finance, Blockchain Center
5. BigchainDB

Duration: 01.10.2019 - 30.09.2027 (8 years)
Staff employed at the Centre: 51 FTE, thereof 44 scientists
(+involved researchers from partners, planned)

Management: Dr. Alexander Eisl
Dr. Klaus Pirklbauer

Contact: ABC Research GmbH
Favoritenstraße 111, 1100 Wien
+43 50262
office@abc-research.at
www.abc-research.at

Status 29.07.2021

The COMET Centre is funded within COMET – Competence Centers for Excellent Technologies – by BMK, BMAW as well as the co-financing federal provinces Vienna, Lower Austria and Vorarlberg. The COMET programme is managed by FFG. www.ffg.at/comet

¹ Partners with headquarters outside Austria