

EUROPEAN
**BIG DATA
VALUE** FORUM
VERSAILLES, NOV 21-23 2017



Big Data for Smart Society
Centre of Excellence in
Bulgaria

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Big Data Policy in Bulgaria

Innovation Strategy for Smart Specialization of Bulgaria 2014-2020 targets Big Data as one of the priority directions within the strategic thematic area “Informatics and ICT” and as a base for further innovation and boost in all sectors

National Strategy for Digital Transformation of Bulgarian Industry emphasizes on Big Data and on its vital importance as major enabler for **Industry 4.0**.

National Open Data Portal created in 2014, sourced by all central government organizations.

Big Data Challenges in Bulgaria

Challenges

1. Critical mass of high level Big Data scientists and/or technology developers
2. Well-identified autonomous structure having its own research agenda
3. Reasonable stability of funding and operating conditions over time (the basis for investing in people and building partnerships) .
4. High levels of international visibility and scientific and/or industrial connectivity
5. Playing dynamic role in the surrounding Big Data related innovation system
6. Necessity for establishment of lasting and sustainable relations between science – education – business – citizens

Weaknesses

1. Shortage of qualified human resources and Early Stage Researchers
2. Fragmented nature of Big Data research activities and unclear priorities – not well aligned to national and EU objectives
3. Sources of finance for Big Data research and development are mostly dependent on public funding.
4. Not enough visibility of national Big Data research activities around Europe and worldwide
5. Insufficient research collaboration with industry, including SMEs, ICT clusters and big international companies
6. The Big Data research needs of government, industry and society are not clearly defined and not well communicated

GATE project

Focus on the **establishment of Centre of Excellence on “Big Data for Smart Society – GATE” in Bulgaria**

Call: H2020-WIDESPREAD-04-2017-Teaming Phase 1

GATE is 12 months CSA project funded by EC under Horizon2020, starting 1 Sept 2017

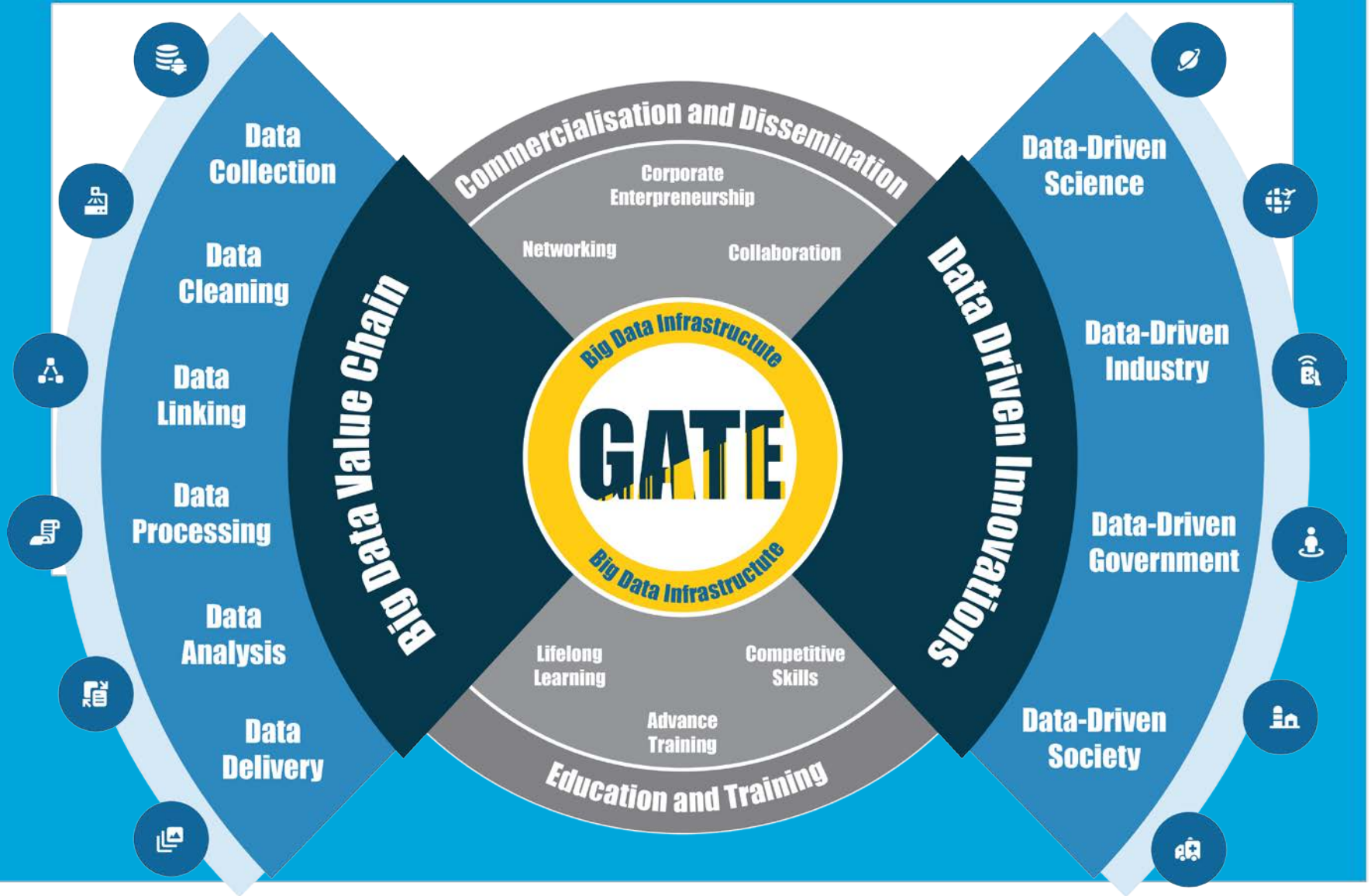
3 partners:

Sofia University

Chalmers University of Technology

Chalmers Industrial Technology

GATE concept



The background of the slide is a dark blue to black gradient, overlaid with a complex, abstract pattern of thin, light blue lines and small white dots. These lines and dots form a dense, interconnected network that resembles a data visualization or a neural network, with some lines curving and others crossing. The overall effect is a sense of dynamic, flowing data.

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THANK YOU