

# FACULTY OF ORGANIZATION AND INFORMATICS

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Pavlinska 2  
42 000 Varaždin  
Croatia

University of  
Zagreb

# foi



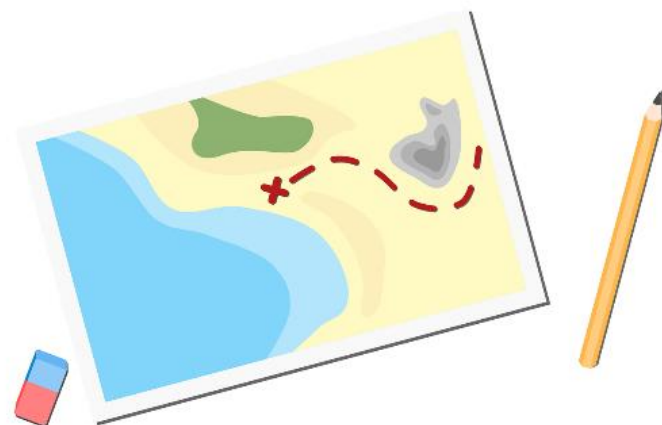
## Business Process Management and Digital Transformation Laboratory



# FOI - BPM i DT Lab

The laboratory carries out activities in research, scientific, educational and practical terms with the active application through projects and workshops for wider public in the following five areas:

- **Business Process Management** with an emphasis on Business Process Modeling
- **Business Process Improvement** by applying contemporary ICT
- **Digital Transformation** of enterprises and development of a methodology for its implementation in different industries
- **Measuring benefits of Business Process Improvement** and **Measuring Organizational Performance** in private and public sector
- **Strategic Planning of Information Systems** - SPIS



# FOI - BPM i DT Lab

BPM and DT Lab conducts research, education, knowledge transfer, research and professional projects related to the application of contemporary ICT in the field of business process management and digital transformation

Lab members:

- Asst. Prof. Martina Tomičić Furjan, Ph.D. (Head of laboratory)
- Asst. Prof. Igor Pihir, Ph.D.
- Asst. Prof. Iva Gregurec, Ph.D.
- Assoc. Prof. Katarina Tomičić-Pupek, Ph.D.
- Full Prof. Neven Vrčec, Ph.D.
- Full Prof. Stjepan Vidačić, Ph. D.
- Ana Kutnjak, M. Econ.
- Larisa Hrustek, M. Econ

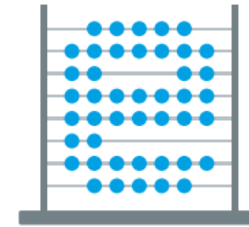


# FOI - BPM i DT Lab – what are we open to... methodology development projects

Some projects Lab members actively participate in...

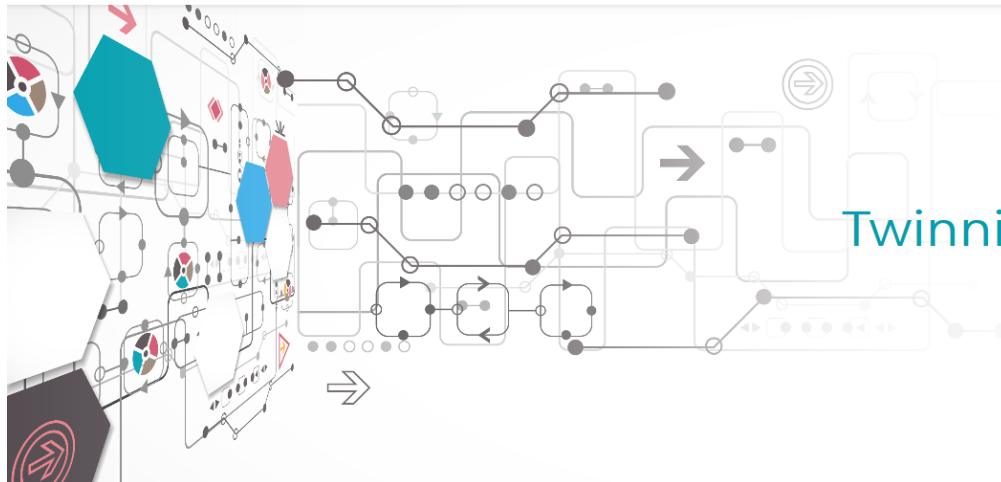


DIGITRANS - DIGITAL TRANSFORMATION IN THE DANUBE REGION



e-Schools

ESTABLISHING A SYSTEM FOR DEVELOPING  
DIGITALLY MATURE SCHOOLS



Twinning Open Data Operational

Funded within Horizon2020 Twinning programme

# FOI - BPM i DT Lab – what are we open to... domain specific projects

IDG IRI

DEVELOPMENT OF AN INNOVATIVE PLATFORM  
FOR DIGITAL TRANSFORMATION OF  
ENTERPRISES

Some projects Lab members actively participate in...





# FOI - BPM i DT Lab – what are we open to... study development projects

Some projects Lab members actively participate in...



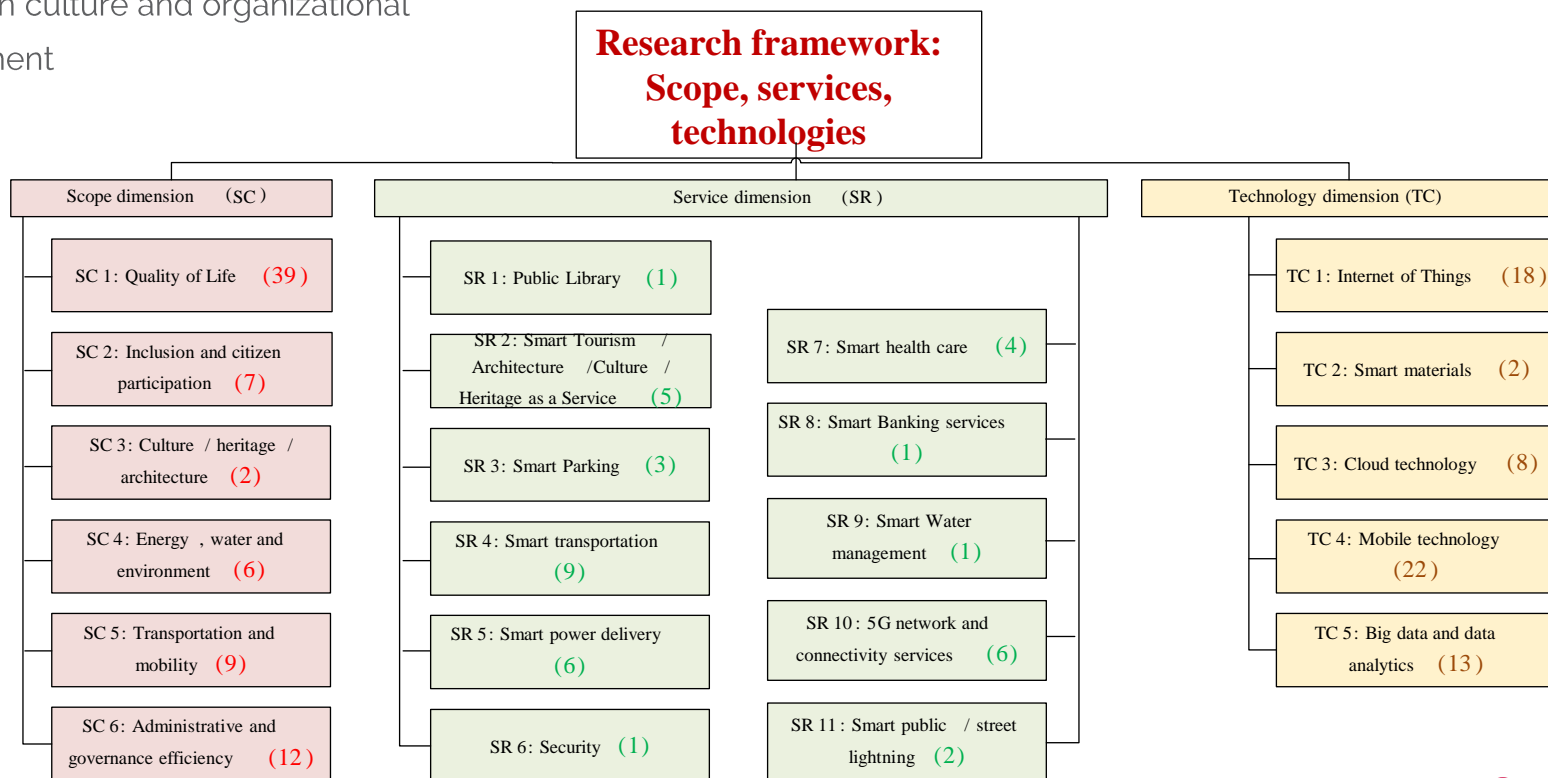
# Some key results

## Determinants of digital transformation

- Strategy orientation
- Customer centricity
- ICT and process infrastructure
- Talent, capability and capacity strengthening
- Innovation culture and organizational commitment

## Digital transformation Playground

|                                       |   |  |                     |                                    |   |                               |
|---------------------------------------|---|--|---------------------|------------------------------------|---|-------------------------------|
| Business related concepts             | Improvements, Increased Effectiveness/ Efficiency | Ecosystems/ green tech.                | New Business Models | New services, competencies, skills | Customer experience, Journey                | New alliances                 |
| Other ICT and digitalization concepts | Social Media & Platforms                          | Artificial Intelligence & Gamification | Metamodelling       | IoT, Big Data and Data Analytics   | Virtual Technologies & Knowledge management | Robotics & Autonomous systems |
| Mainstream concepts                   | Cloud Technologies                                | Mobile Technologies                    | Reference Models    | ERP & CRM                          | SCM & DWH                                   | BPM & Performance Management  |



- Polygon for research activities
- Maintaining/creating expertise and professionalism – ICT
- Gaining experience in the mentoring role of younger colleagues
- Organizing professional and scientific conferences, workshops and education
- Publication of results (scientific research activities)
- Patents, trademarks
- Contribute to strengthening the capacity of R&D and innovation companies in the Republic of Croatia through effective cooperation with R&D institutions
- Transfer of knowledge into teaching
- Establishing long-term cooperation with the ICT sector
- Publication of results of research activities through scientific publications
- The social role of scientists / researchers



# BPM i DT Lab – formally...





# BPM i DT Lab – informally...





**<https://www.foi.unizg.hr/en/about-us/departments/bpm-dt-lab>**