How to succeed within HORIZON 2020?
Experience of successful applicant – 2nd pillar

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TCS – General Information

- **Organisation**: Network organisation, with C-TCS Institute as management, information and communication centre
- **Location**: RITS - Development Innovation and Technology Centre, Celje, Slovenia
- **Members** – enterprises, mainly SMEs, from mechanical engineering, toolmaking, electrical engineering and ICT sector
- **Members** – knowledge organizations – faculties, technological centres, consulting companies, and regional institutions
- **Strategy** – Focus on R&D projects
TCS approach within HORIZON 2020

- **Participation of TCS** – Project partner – R&D activities, especially new business models, in the areas of NMBP, INNOSUP, ICT, FOF, with the emphasis on I4MS
- **Participation of TCS** – Project partner – Dissemination activities in the areas of NMBP, ICT and FOF
- **Involvement of companies** – members and partners of TCS – Project partners - R&D activities, Demonstration activities, Pilots/Use-cases in the areas of FOF and SPIRE
- **Consulting to SMEs** – SME Instrument
TCS references within HORIZON 2020

- **FACTS4WORKERS** - Worker-Centric Workplaces in Smart Factories; H2020 FOF-04-2014; Coordinator: Virtual Vehicle, Project partner EMO-Orodjarna d.o.o.

- **HORSE** - Smart integrated Robotics system for SMEs controlled by Internet of Things based on dynamic manufacturing processes; H2020, FOF-09-2015/I4MS; Coordinator: European Dynamics; Project partner: Zavod C-TCS; Cooperating organisations: LENS Living Lab, ETRA d.o.o.

- **VULKANO** – Novel integrated refurbishment solution as a key path towards creating eco-efficient and competitive furnaces; H2020 SPIRE-04-2016; Coordinator: CIRCE; Project partners Bosio d.o.o. in VALJI d.o.o.

- **CoSMEker** – Strategic vision for cross-sectorial cluster facilitated collaborative innovation between industrial SMEs and maker communities in EU cross-border areas; H2020 INNOSUP-01-2016-2017; Coordinator TTY-SAATIO; Project partner: Zavod C-TCS; Approved 1. phase, 2. phase in the evaluation procedure

- References within H2020 SME Instrument
Project HORSE – Project partners

European Dynamics  
FZI

Sercobe  
KUKA

TU/e Technische Universität Eindhoven  
BOSCH

TUM Technische Universität München  
TNO innovation for life

Cetim
HORSE - Project Concept

Open calls
- European wide SMEs/Industries with support of industrial associations
- Large scale dissemination/stimulation of interest
- New users to refine and validate Framework
- Creation and capitalisation of lessons learned

Centers of Competence
- Germany, Netherlands, France, Slovenia
- Framework Refinement and validation
- Regional Demonstrations
- Capitalisation of lessons learned & practices to attract interest

Pilots Experiments
- Spain, Poland,...
- Speed up adoption of Advanced Robotics
- New business concepts (robotics servitisation, product operation)
- Focused refinement and validation

Technological Framework
- Design and set up
- Technical Validation
How to get information about HORIZON 2020?

- EU Participant Portal
- MIZŠ web page – Obzorje 2020
- MIZŠ National Contact Points
- Enterprise Europe Network
- EC’s Research and Innovation Weekly Newsletter
- Danube-INCO.NET Newsletter
- SBRA/SGRZ Information, Bruselj
- SPIRIT – Entrepreneurship portal
- Info days – Programmes and Calls in Brussels
- Info days – Programmes and Calls in Slovenia
- Web pages of Associations/PPPs, e.g. EFFRA Participant portal
How to get involved in the project consortium? (1)

• Involvement on the basis of membership in associations, clusters, technology centres, centres of excellence, competence centres, networks etc.
• Involvement on the basis of cooperation with faculties and R&D organisations
• Involvement on the basis of cooperation with consulting organisations
• EEN information
How to get involved in the project consortium? (2)

- Participation in conferences
- Participation in „brokerage events“
- Participation in Info days – Programmes and Calls in Brussels
- Participation in Info days – Programmes and Calls in Slovenia
- Support networks, e.g. NMP TeAm, IDEAL-IST, etc.
Criteria for the project evaluation

• **Excellence**
  „Beyond the state of the art“

• **Impact**
  „European added value“

• **Implementation**
  Consortium, experts, project management, WPs, project budget, IPR issues
Practical suggestions to the project applicants – important aspects

• Consistency
• Evaluation criteria (“Self evaluation form“)
• “Beyond the state of the art”
• “European Added Value”
• Technical innovations, New business models
• Exploitation and Dissemination
• Use case, Business plan
• IPR issues
HORIZON 2020 - Sources of information

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