

International Brokerage Event  
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# Description of the Organization



- Glushkov Institute of Cybernetics (GIC) of National Academy of Sciences of Ukraine (NASU) is a widely known in Ukraine and abroad scientific center for solution of fundamental and applied problems in computer science and engineering.
- GIC is a developer of the fastest Ukrainian supercomputer SCIT-4 and one of the mainframes of Ukrainian GRID supercomputing network which takes part in European Grid Infrastructure projects.

# Description of your research interest



- Department staff consists of 33 employees (researchers and software developers) and PhD students. 14 team members have PhD degree.
- The team has designed and developed a number of parallel, distributed data processing and computational applications, desktop, web, real-time software, hardware complexes and ready-to-use systems.
- Research interests and activities include: HPC, distributed computing, grids, clouds; microelectronics, smart homes, IoT; 3D seismic waves algorithms and software, geophysics; 3D scanning of objects from the real world.

## Targeted call topics

- Resilience and sustainable reconstruction of historic areas to cope with climate change and hazard events
- Transforming historic urban areas and/or cultural landscapes into hubs of entrepreneurship and social and cultural integration

- Objectives:
  - to make digital copies of real world
  - to make cloud storage of 3D models ready for CNC and 3D printing
  - to recreate lost or damaged cultural heritage
- Expected results
  - cloud storage of 3D models
  - virtual museums
  - restored historical buildings, squares and places
- In progress / done
  - cooperation with smart city initiatives, archaeologists
  - restoration of number of buildings in Ukraine, India, Poland, Slovenia
  - Goa museum, Tustan' fortress, Shevchenko Gai museum, Poshtova Ploshcha etc.

# Consortium - profile of known partners *(if any)*



No	Partner Name	Type	Country	Role in the Project
<b>01</b>	Odessa Academy of Architecture	University	Ukraine	Trainings for architects
<b>02</b>	CNCLab	SME	Ukraine	Production of large 3D printers
<b>03</b>	Kyiv Smart City Hub	Association/ Government	Ukraine	Dissemination, promotion
<b>04</b>	Museum of Folk Architecture	RTD	Ukraine	Host of historical data
<b>05</b>	Odessa Archeological Museum	RTD	Ukraine	Host of historical data
<b>06</b>	Goa Museum	RTD	India	Host of historical data
<b>07</b>	CitySays	RTD	Slovenia	Urbanists, research

# Consortium - required partners



No	Expertise	Type	Country	Role in the project
<b>01</b>	Paperwork consulting	Consulting	Any	Partner
<b>02</b>	Dissemination, promotion in Europe	Consulting, Agency	Any	Partner
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<b>08</b>				

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# Recommendations



- The presentation **has to** last up to **4 minutes (maximum)**
- Do not overload your slides
- Provide weblinks to additional material
- Slides should be in English
- Do not use videos etc. – they might be not supported by the Infoday IT system
- Send your presentations in PDF format to: [CoF@turkeyinh2020.eu](mailto:CoF@turkeyinh2020.eu) until **23 September 2016.**