MONOZUKURI S.p.A.

EDA Software Solutions to Redefine Function-Intensive IC Design
Monozukuri at a glance

- We are an **emerging EDA Company**
  - headquarters in **Rome** and **Milan**
- Founded by **Silicon Executives** with extensive, specific skills
- A Team of 10 engineers are working in R&I
- R&I expenses as an **70% of revenue**
- **Technology**: Holistic design environment bridging IC and package design
  - To ease the integration of emerging systems that are natively 3D
- **Target Applications**: IoT, Big Data AI, Virtual Reality, Autonomous Driving
- **Markets**: IDM, IC & Package design houses and FAANGS

THIS PROJECT HAS RECEIVED FUNDING FROM THE EUROPEAN UNION’S HORIZON2020 RESEARCH AND INNOVATION PROGRAMME UNDER GRANT AGREEMENT N. 822917
Monozukuri’s activities

• Is there any previous experience with collaborative projects?
  • Monozukuri’s running project is HIPER: SME Instrument Phase 2 project. In 2017 Monozukuri awarded also SME Instrument Phase 1
  • Monozukuri is the coordinator of the project that will last until August 2020.

• What sort of interaction exists with one of the 3 Industry Associations or other ETPs?
  • Monozukuri has been invited to several national and international events to present HIPER project and technology innovation
# Collaboration Expectations

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<thead>
<tr>
<th><strong>Collaborative project of interest to you</strong></th>
<th>ECSEL, H2020 FTI (Fast Track to Innovation)</th>
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<tbody>
<tr>
<td><strong>Scope</strong></td>
<td>Technology development, new market access, commercialization of products</td>
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<td><strong>Project idea</strong></td>
<td>HIPPOS 4.0: Hierarchical I/O Planning, Placement, and Optimization for Systems 4.0</td>
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<td><strong>Project impact</strong></td>
<td>The project aims at launching onto the market a new software solution enabling a much higher integration of 2.5D and 3D electronic circuits for the most demanding, next generation electronic products.</td>
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<td><strong>Project consortium</strong></td>
<td>IDM-Semiconductor companies; IC Design Houses; Package design houses, AI, Automotive &amp; IoT company.</td>
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<td><strong>Other information</strong></td>
<td>18 months duration – € 2MLN</td>
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