

|                          | Considered topics in FoF<br>2018-20  | Instr. | Budget<br>indication    | Digitising<br>EU Industry               | Link to<br>EFFRA doc   |
|--------------------------|--|--------|-------------------------|---|--|
| <b>FoF-ICT-<br/>2018</b> | Digital Manufacturing Platforms for Connected Smart Factories <ul style="list-style-type: none"> <li>• Agile Value Networks: lot-size one</li> <li>• Excellence in manufacturing: zero-defect processes and products</li> </ul>  | IA     | 48 M€                   | WG2: Digital value chains and platforms | 2.5<br>(2.1,<br>2.2,<br>2.3,<br>2.4)                             |
| <b>FoF-ICT-<br/>2019</b> | Digital Manufacturing Platforms for Connected Smart Factories <ul style="list-style-type: none"> <li>• The human factor: human competences in synergy with technological progress</li> <li>• Sustainable Value Networks: manufacturing in a circular economy</li> </ul>  | IA     | 45+2 M€<br>(incl 1 CSA) | WG2: Digital value chains and platforms | 2.5<br>(2.1,<br>2.2,<br>2.3,<br>2.4)                             |
|                          | Security and resilience for collaborative manufacturing environments   | RIA    | 11 M€                   |   | 2.5.2  |
| <b>FoF-ICT-<br/>2020</b> | I4MS (phase 4) – uptake of digital game changers and digital manufacturing platforms <ul style="list-style-type: none"> <li>• IoT and CPS</li> <li>• Human-robot cooperation</li> <li>• Analytics, simulation and AI</li> <li>• Additive Manufacturing</li> <li>• Laser based equipment in advanced mfg</li> <li>• Uptake of emerging platforms</li> </ul> | IA     | 73 M€<br>(incl 1 CSA)   | WG1: Digital Innovation Hubs            | 2.5.3, 2.1.3, 2.1.4<br>2.1.4, 2.3.2<br><br>2.5.1, 2.5.2<br>2.1.1 |
|                          | Human-Artificial Intelligence collaboration in advanced manufacturing  | RIA    | 29 M€                   |   | 2.5.4  |
|                          | Digital advances for urban manufacturing   | RIA    | 20 M€                   |   | 2.1.3  |



# FoF – ICT under WP2018-20

For reference: status 15 May 2017

European  
Commission

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| <b>FoF-ICT-<br/>2018</b> | Digital Manufacturing Platforms for Connected Smart Factories <ul style="list-style-type: none"> <li>Agile Value Networks: lot-size one</li> <li>Excellence in manufacturing: zero-defect processes and products</li> </ul>  | IA     | 50 M€<br>(incl 1 CSA) | WG2: Digital value chains and platforms | 2.5<br>(2.1,<br>2.2,<br>2.3,<br>2.4)                             |
| <b>FoF-ICT-<br/>2019</b> | Digital Manufacturing Platforms for Connected Smart Factories <ul style="list-style-type: none"> <li>The human factor: human competences in synergy with technological progress</li> <li>Sustainable Value Networks: manufacturing in a circular economy</li> </ul>  | IA     | 45 M€                 | WG2: Digital value chains and platforms | 2.5<br>(2.1,<br>2.2,<br>2.3,<br>2.4)                             |
|                          | Security and resilience for collaborative manufacturing environments   | RIA    | 10 M€                 |   | 2.5.2  |
| <b>FoF-ICT-<br/>2020</b> | I4MS (phase 4) – uptake of digital game changers and digital manufacturing platforms <ul style="list-style-type: none"> <li>IoT and CPS</li> <li>Human-robot cooperation</li> <li>Analytics, simulation and AI</li> <li>Additive Manufacturing</li> <li>Laser based equipment in advanced mfg</li> <li>Uptake of emerging platforms</li> </ul> | IA     | 73 M€<br>(incl 1 CSA) | WG1: Digital Innovation Hubs            | 2.5.3, 2.1.3, 2.1.4<br>2.1.4, 2.3.2<br><br>2.5.1, 2.5.2<br>2.1.1 |
|                          | Human-Artificial Intelligence collaboration in advanced manufacturing  | RIA    | 29 M€                 |   | 2.5.4  |
|                          | Digital advances for urban manufacturing   | RIA    | 20 M€                 |   | 2.1.3  |