**POVABILO K ODDAJI PONUDB ZA**

**RAZVOJ E-KATALOGA IN PRIPRAVO VAVČERSKE DOKUMENTACIJE**

**(DISPOZICIJA)**

Dispozija je sestavljena iz dveh delov:

* Delovni sklop WP5: L&C Hub 4 Tech alliances, Aktivnost A5.4: Learning demonstration workshops
* Delovni sklop WP6: Pilot-instrument & model, Aktivnost A6.1: ransfer lab pilot – Trans regional Smart factory voucher scheme

**Delovni sklop WP5: L&C Hub 4 Tech alliances, Aktivnost A5.4: Learning demonstration workshops**

**Naslov:** Razvoj e-kataloga

**Osnovni namen** je na osnovi zbranih vseh rešitev za t.i. pametne proizvodnje (rešitve so zbrane v priloženem zbirnem dokumentu) pripraviti e-katalog v katerem bodo vse rešitve predstavljene na pregleden način. Dodatno se zahteva da je brskanje po rešitvah enostavno in nazorno tako da lahko uporabnik kataloga dobi kar se da optimalen pregled nad rešitvami zbranimi v katalogu.

Izvajalec mora naročniku pomagati tudi pri klasifikaciji vseh rešitev in sicer v skladu z naslednjo preglednico:

|  |  |  |
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| A | **Solutions to increase efficiency of production processes** | Solutions linked to production processes, such as ERP (Enterprise Resource Planning) and MES (Manufacturing Execution System) based solutions. Those are increasing efficiency, quality and control at the level of the production floor or the company as a whole (including supply chain, KPIs, planning,). |
| B | **Solutions for effective human resource management systems** | Solutions linked to managing internal resources, such as resource management and allocation, skill and performance management, training administration, etc. |
| **Novel technologies:** | | |
| 1 | **Smart supply network** | Smart Supply network allow transparency over supplier inventories and vehicle logistics for automatic and optimized supply decisions. |
| 2 | **Next-gen manufacturing systems** | Next-gen manufacturing systems make automated and smart decisions (e.g. production scheduling), offer intelligent machine applications, seamless engineering integration and allow for remote visualization, monitoring, control, alerts, production scheduling and execution. |
| 3 | **Cloud storage / processing** | Cloud storage/processing offer data storage and application processing on secure cloud servers. |
| 4 | **Data analytics** | Data analytics is based on advance decision algorithms & real-time analytics. |
| 5 | **Cybersecurity** | Cybersecurity offer encrypted data and protection mechanisms against cyber threats. |
| 6 | **Intelligent sensors/actors** | Intelligent sensors/actors are deeply integrated in machines, wirelessly stream data and have an own analytics engine (edge analytics). |
| 7 | **Cyber physical systems** | Cyber physical systems are interconnected systems and social machines that control physical entities. |
| 8 | **Smart maintenance** | Smart maintenance of machines becomes integrated (autonomous) aided by predictive algorithms and remote assistance systems. |
| 9 | **Mobile workforce** | Mobile workforce equips workers with mobile devices and augmented reality devices to process real-time information. |
| 10 | **Self-driving vehicles** | Self-driving vehicles make possible that material is handled via autonomous vehicles and intelligent transportation units. |
| 11 | **Intelligent products** | Intelligent products carry relevant information for machines to make decisions. |
| 12 | **Additive manufacturing** | Additive manufacturing offer 3D printing that allows rapid prototyping and rapid spare part printing. Technologies turn more and more to real products with new design |
| 13 | **Robotics** | Robotics offer use of flexible robots augments intelligence, automates certain processes and creates new forms of worker-robot interaction. |
| 14 | **Advanced materials** | Advanced materials are new materials such as nanomaterials as well as integrated computational materials engineering (ICME). |
| 15 | **Responsive manufacturing** | Responsive manufacturing are individual manufacturing steps that are designed for customer interaction so that product can be tailor-made for customers. |
| 16 | **Physical and cognitive assistance** | Physical and cognitive assistance provides optimized assistance for the worker in the factory, such as Physical (e.g. Robots, Exo skeletons..) and cognitive (e.g. via Handhelds, Voice) |
| 17 | **Other (please specify)** |  |

**Vsebinski pogoji:** Izvajalec se v sklopu naročila zavezuje izvesti naslednje aktivnosti:

* Podrobna analiza vseh zbranih rešitev in njihova kategorizacija
* Priprava koncepta e-kataloga
* Razvrščanje zbranih rešitev v katalog
* Grafično oblikovanje kataloga

**Administrativni pogoji:** E-katalog mora prikazovati vse podatkovne elemente ki izhajajo iz zbranih rešitev (podatki o nosilcu rešitve, podatki o pametni rešitvi) in mora biti pripravljen v takšnem formatu da je lahko objavljen in uporabljan v elektronski obliki preko spleta in lokalno.

**Časovni okvir:** Izvajalec se obveže aktivnosti izvesti in e-katalog posredovati naročniku najkasneje do 30.11.2018.

**Priloge:** Priloga 1: D5.4.1 Cummulative report on SF solutions D.01

**Delovni sklop WP6: Pilot-instrument & model, Aktivnost A6.1: ransfer lab pilot – Trans regional Smart factory voucher scheme**

**Naslov:** Priprava vavčerske dokumentacije

**Osnovni namen** je na osnovi zahtev za pripravo vavčerskega sistema, naročniku pomagati pripraviti in prevesti razpisno dokumentacijo, ki bo služila kot referenčna razpisna dokumentacija za vse partnerje v projektu.

**Vsebinski pogoji:** Izvajalec se v sklopu naročila zavezuje izvesti naslednje aktivnosti:

* Podrobna analiza zahtev za vavčerski sistem (razpis)
* Priprava koncepta vavčerskega razpisa
* Priprava vavčerske dokumentacije, ki mora zajemati vsaj:
  + Osnovno razpisno dokumentacijo z opisom namena, predmeta, pogojev za kandidiranje, meril za ocenjevanje in postopek izbora
  + Prijavni obrazec
  + Vzorec končnega poročila
* Prevajanje vavčerske dokumentacije in zagotavljanje dokumentacije v slovenskem in angleškem jeziku

**Administrativni pogoji:** Dokument mora biti pripravljen v slovenskem in angleškem jeziku.

**Časovni okvir:** Izvajalec se obveže aktivnosti izvesti in dokumentacijo posredovati naročniku najkasneje do 30.11.2018.