

# ProSEco- Collaborative Environment for Eco-Design of Product-Services and Production Processes Integrating Highly Personalised Innovative Functions



## ProSEco Collaborative Development Platform

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## ProSEco Collaborative Development Platform



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This solution is developed in the scope of ProSEco project, and is one of the key solutions to support the design and development of new Product Extension Services (PES).

### What's the solution for?

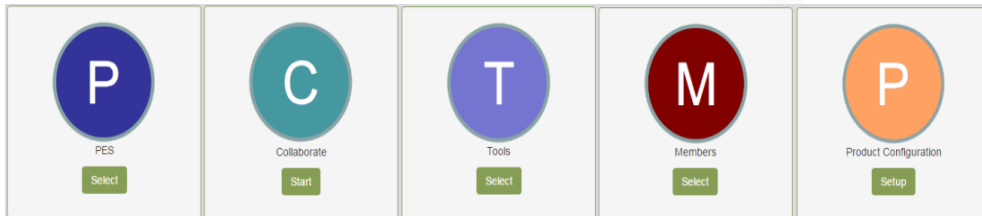
The ProSEco collaborative development platform provides a technical framework that can be used to integrate a variety of dynamic engineering tools and core services. This facilitates seamless exchange of knowledge across the whole network of actors involved in the creation of Product Extended Services (PES). The platform also offers reconfigurability to facilitate an enterprise to offer customized services based on customer's demand.

### Collaborative Workspace

Collaboration in an organization is considered a key driver for innovation, ideation and value creation. The platform offers a web based collaborative work space to support team's communication, coordination and cooperation for the effective completion of design and development activities for the creation of a PES. This significantly accelerates enterprise productivity by constantly reducing the service delivery time.

### PES Customization

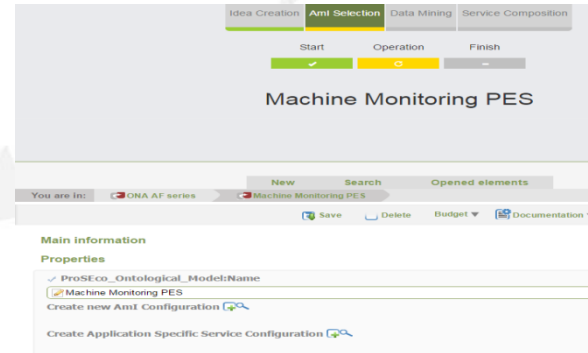
A faster reaction to the market is a key evolution indicator to measure the success of a manufacturing industry.



The ProSEco collaborative development platform supports reconfigurability of the PES to quickly and effectively adapt a new business model and provides a customised solution based on customer's demand. This, ultimately, leaves a positive impact on an organization's profitability, sustainability and competitiveness.

### Workflow Engine

The ProSEco collaborative development platform is facilitated with an integrated workflow engine to streamline the design and development activities of creating a PES.



The workflow engine supports configuration of a workflow process, alignment of engineering tools with their corresponding development phase, association of registered actors with their assigned activities and visualization of workflow status in a user interface.

### Miscellaneous Services

Other significant services that are provided through platform are: registering new users to the platform, creating and storing multiple workflow templates, adding new phases and new tools, and archiving the completed services in the platform to reuse.

### CHARACTERISTICS OF THE SOLUTION

#### Collaborative Workspace:

- Web based services
- Seamless exchange of knowledge
- Collaboration facilities

#### PES Customization:

- Reconfigurability of the PES
- PES customization

#### Workflow Engine:

- Managing the workflow activities

*ProSEco collaborative development platform provides a reconfigurable space to implement a new business model for the design and development of Product Extended Services (PES).*