

In this issue:

- Welcome message
- white'R project overview

Dear Subscriber,
Welcome!

This is the first issue of white'R project newsletter which will keep you every 3 months updated about relevant results, achievements and events related to this challenging project funded by the European Commission within Factory of the Future program, FP7.

To receive our newsletter by email please subscribe at project website whiterproject.eu or simply address an email to newsletter@whiterproject.eu

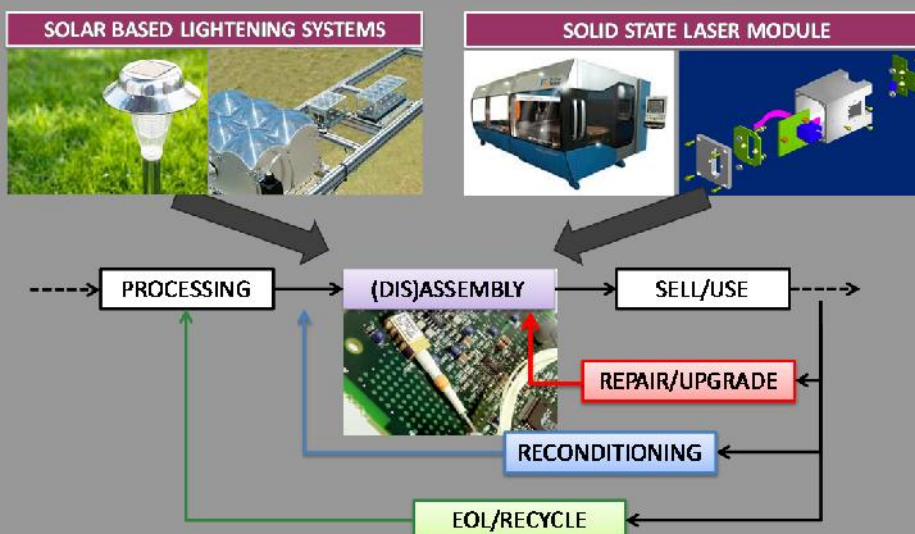
White'R overview

white'R is a self-contained White room consisting in a *multi-robotic island* that can be easily integrated in existing production shop-floors. It empowers the handling, assembly and disassembly of high value added optoelectronic products. The island's devices - robots, operation units, transport, handling and tooling systems - are conceived as "Plug&Produce" reusable modules properly configured coherently with the production requirements

The white'R project started on 1st September 2013, it will last 36 months till August 2106

White'R objectives:

- 75% **set-up and ramp-up time reduction** by self adaptive reconfigurability
- 50% **reduction of cost** compared to current productions system
- All components of the production system reusable **re-assembled and upgraded** in a new different to prevent the risk of dedicated equipment obsolescence
- Creation of a **EU/International standard** for optoelectronic package configuration in order to enhance equipment reusability



white'R exploitable deliverables

The project will provide as outcomes to the RTD and industrial communities the white'R integrated solution consisting of **two physical demonstrators** of a production island realizing (dis)assembly of optoelectronic components enriched with a software infrastructure consisting of 5 software applications integrated in a unique platform

the first demonstrator will be reconfigured to be used for the production of equipment for laser processing (Prima Power) the second one for the production of solar energy systems (SCT).



white'R Consortium

