

1. Publishable summary

This EU FP7 ICT Call 1 Coordination Action “Manufacturing and Production Equipment and Systems for Polymer and Printed Electronics” (Acronym: PRODI, Grant Agreement number: 215426) has provided a **structured forum** for European printing, coating, laser, 'advanced processing' machinery manufacturers, production line integrators, and process measurement and automation industry to work together **in improving European excellence and competitiveness in roll-to-roll (R2R) Polymer and Printed Electronics machinery and automation**. The project has worked closely together with three other projects in the same area, the Quadriga projects: PolyNet (NoE), PolyMap (SA), and OPERA (CA).

The emerging technologies of printed and large area electronics enable huge variety of applications with increasing complexity of devices and systems. This development sets forth new requirements for high volume, cost-effective production as well as control systems in order to preserve high quality along with rational production methods. European printing and automation industry has been very strong in traditional printing, and it is important that the technical excellence can be maintained and improved also in R2R polymer and printed electronics. It will require good co-operation between the industry and research organisations, a common **vision**, and a strong effort on **training and distribution of information**. The project has involved a wide network of participants to joint networking and educational activities, and provided them with appropriate tools to meet the needs of the future.

The main contributors in the PRODI consortium are the 6 leading R2R organic and printed electronics research and development organisations in Europe, also having good global scientific and industrial contacts. In order to ensure that the industrial perspective is taken into account, the contributors have selected, invited and nominated a high quality Industrial Advisory Board (IAB). The IAB consists of selected group of leading companies in the areas of printing machinery technologies (such as gravure, screen, offset, flexo, inkjet, etc.), coating, laser, embossing/imprinting, measurement and process automation, as well as production line integration. The Associate Network (AN) has also been established, consisting of actors interested in monitoring the development of R2R polymer and printed electronics. Companies can freely join the AN, which is actually a common network for all the Quadriga projects.

PRODI project has had the following logo and website address throughout its duration:



www.project-prodi.eu