

Welcome to our
4th Newsletter!

Throughout the Target project, we aim to publish this newsletter at quarterly intervals to keep partners, colleagues, clients and stakeholders up to date on relevant information relating to our project.

If you have any updates to contribute to these publications, please forward your news to our Communications Lead:

vincentreynolds@
cavanitc.ie



LEAD Partner hosts highly successful First Annual TARGET Conference in Enniskillen (Northern Ireland)

South West College (SWC) organised a highly successful and well attended First Annual TARGET Conference on 22 November 2016. The Conference theme was “Opportunities in Digital Manufacturing”. The event, hosted in the College’s state of the art Passive Pavilion at the Centre for Renewable Energy and Sustainable Technologies, brought together a large gathering of TARGET project professionals, academics, SMEs and industry representatives (from Northern Ireland and the Republic of Ireland), as well as officials from government bodies and institutes.

In addition to promoting opportunities in digital manufacturing, a key objective was to advance the TARGET project’s goal of making regional manufacturing globally competitive and innovative.

Opening the event, Pdraig Mc Namee, Head of Technology at South West College noted how recent government policy and investment in digital infrastructure was recognizing how exploiting digital technologies offers the most cost effective way for maximising competitiveness and improving products, processes, productivity and profitability.





Enniskillen Conference

The Keynote address was delivered by Dr Stephen Brennan, Chief Digital Advisor to the Irish Government. Dr Brennan outlined the ever increasing importance of technology in all aspects of business, stating that: -

‘The ubiquity of digital gives us so much opportunity, and the only thing stopping us is our willingness and ingenuity to engage with it. With what is available, and the way we are connected, the question for everyone here is how you as a business, can get closer to your end user.’ He highlighted how modern technology allows for great interaction, particularly between manufacturer and consumer, saying *‘the internet must now be pervasive, no one in the office or organisation should be non-digital’.*



Left to Right; Front row; Lyn Sharkey(ABCON Ltd);Dr Stephen Brennan;Padraig McNamee(SWC);Vidar Gunnberg (Finnsness Study Centre Norway)Back Row; Aaron Black (SWC);Stephen Kelly(CEO Manufacturing NI); Michael Polson(InvestNI);Vincent Reynolds(CavanITC); Paul Hermon(Queens University Belfast); Dr John Moore(SWC).



Enniskillen Conference (Cont'd)

Prof Wei Deng Solvang from the Arctic University of Norway; Prof Asa Ericson, Luleå University of Technology, Sweden; Heidi Kaartinen, Centria University of Applied Sciences, Finland; and Vidar Gunnberg, CEO of Finnsnes Study Centre, Norway, spoke about some of the industries located in their respective countries, the issues and challenges faced by industry there, and how the TARGET project is helping to address (these issues /challenges).

Other speakers at the event included Stephen Kelly, CEO of Manufacturing Northern Ireland; Dr. John Moore and Aaron Black (SWC); Michael Polson, Invest Northern Ireland; Paul Hermon, Queen's University Belfast; and Lyn Sharkey, ABCON Industrial Products Ltd, Cootehill, Cavan, Republic of Ireland.



Pictured at the Enniskillen Conference (L/R):- Edel McCusker TARGET Manager (SWC), Dr Stephen Brennan, Sarah Reid (Special EU Programmes Body), Dr John Moore and Pdraig McNamee (SWC).

Partner Meeting in Kokkola, Finland



The possibilities which digitalization and innovation functions can offer for SME's were considered at an international TARGET partner meeting organized by Centria University of Applied Sciences in Kokkola 11-13 October 2016. Centria's campuses are located in three towns of Central Ostrobothnia – Kokkola, Ylivieska and Pietarsaari – the two first mentioned were visited during the meeting.

The partners shared experiences about working with their tools on SMEs and reflected on elements of the project plan yet to be delivered. This was followed by a presentation of the Kokkola campus laboratories, and demonstrations of RFID and other technologies, including robotic welding.

Following a visit to a very successful family spring water manufacturer (Finnspring), including their innovative storage racking system, the partners visited Ylivieska campus, where they were introduced to 3D-visualizations on Cave Automatic Virtual Environment (CAVE) with Vive virtual reality glasses.

3D-scanning and possibilities of robotic technologies for product development and production were also demonstrated in Ylivieska. These techniques have already been used in several TARGET projects of Centria.

The partners gathered on the final day to discuss the ongoing delivery of the project, including expert exchanges and partner visitations, followed by participation at the CentriaOpen event attended by companies from the region involved in Centria's projects, including TARGET.

Partner Meeting in Kokkola, Finland (Cont'd)



Demonstration of 3D laserscanning for partners of TARGET project at Centria University of Applied Sciences in Kokkola. With a scanned file a three dimensional model of the product can be constructed and it can be easily worked on, for example to print with a 3D printer.



TARGET partners at CentriaOpen event. L/R: Heidi Kaartinen and Jouni Vähäsöyrinki (Centria), Vincent Reynolds (CavanITC), John Moore, Pdraig McNamee and Anne Loughran (SWC), Hao Yu and Beibei Shu (UiT).



Events & Activities

Monthly Partner (SKYPE) meetings.

Annual Conference and Partner meeting in Narvik – UiT, The Arctic University of Norway 20-23 March 2017.



TARGET Partners



The Lead Partner in the TARGET Project is South West College, Northern Ireland. At present, there are five other partners across Norway, Finland, Sweden and Ireland. Contact details for each of the partners are provided below.



South West College, 2 Mountjoy Road, Omagh, Co Tyrone, N. Ireland; BT79 7AH; Tel: 00448456031881; Email: edel.mccusker@swc.ac.uk; www.swc.ac.uk.



UiT - The Arctic University of Norway (formerly Narvik University College), Lodve Langes gate 2, 8505 Narvik, Norway; Tel: 0047 76966351; Email: hao.yu@uit.no; www.nuc.hin.no.

Centria University of Applied Sciences, Talonpojankatu 2, 671000 Kokkola, Finland; Tel: 003544492564; Email: heidi.kaartinen@centria.fi; www.centria.fi

Luleå University of Technology, Universitetsområdet Porson, 97187, Luleå, Sweden; Tel: 0046 920492061; Email: asaeri@ltu.se; www.ilt.se



Cavan Innovation & Technology Centre & Local Enterprise Office Cavan, Dublin Road, Cavan, Ireland; Tel: 00353494377277; Email vincentreynolds@cavanitc.ie marcellarudden@leo.cavancoco.ie www.cavanitc.ie www.localenterprise.ie/cavan



Local Enterprise Office Sligo City Hall, Quay Street, Sligo, Ireland; Tel: [0035371 9144779](tel:00353719144779); Email: liamkiely@sligoenterprise.ie; www.localenterprise.ie/sligo

Each of the partner organisations have specialist skill sets focused on ensuring that the local and regional manufacturing base will be globally competitive and innovative through the utilisation of the advanced technology and digital manufacturing techniques available through the partnership.

For further information or queries regarding TARGET contact your regional project partner or our Lead Partner:

Edel McCusker, South West College, 2 Mountjoy Road, Omagh, Co Tyrone, N. Ireland; BT79 7AH; Tel: 00448456031881; Email: edel.mccusker@swc.ac.uk

