



Welcome to our  
7th 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](mailto:vincentreynolds@cavanitc.ie)

## **TARGET Competence Building Session, 15 – 19 Jan 2018 at UiT—The Arctic University of Norway, Narvik.**

A special workshop was held in Narvik during January 15-19, 2018 for competence building and visit of champion companies in TARGET project.

The first part comprised three-days training focused on training on UiT tools in industrial automation, and robotics, and supply chain management, with a simulation package called Visual Component. Visual Component is a very powerful simulation software for the simulation of robotics, automation, production, and logistics. UiT hold a floating license for the software facilitating open access/during training.

During second part of the workshop, the TARGET partners visited the champion companies in Northern Norway.



Participants in session at UiT, Narvik.



## TARGET Project Team Meeting -Reykjavik Iceland - 06 to 08 February 2018

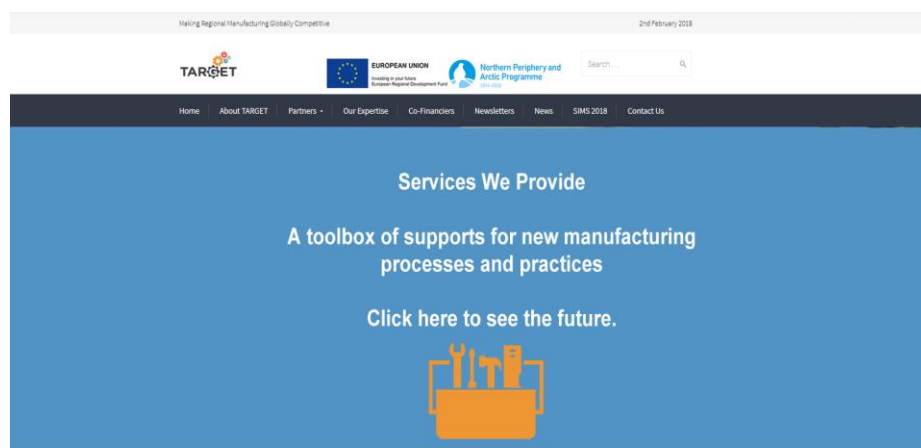
The project partners held a very successful meeting in Reykjavik, Iceland from 06 to 08 February 2018.



L-R: Martin Lundgren (Luleå), Tero Köyhäjäki (Centria), Padraig McNamee (SWC), Vincent Reynolds (CITC), John Moore (SWC), Christine Irvine (SWC), Johan Lugnet (Luleå), David Searle (SWC), Johan Wenngren (Luleå), Gabor Sziebig (UIT), Åsa Erikson (Luleå), Bjørn Solvang (UIT), Vidar Gunnberg (UIT), Wei Solvang (UIT), Ari Lamberg (Centria), Lene Jørgensen (UIT), Jouni Vähäsöyrinki (Centria), Heidi Kaartinen (Centria).

## TARGET website – ([www.targetproject.eu](http://www.targetproject.eu))

One of the key topics of the meeting was to review/update to the TARGET website, which is the main communications channel for TARGET and where all products will be stored.





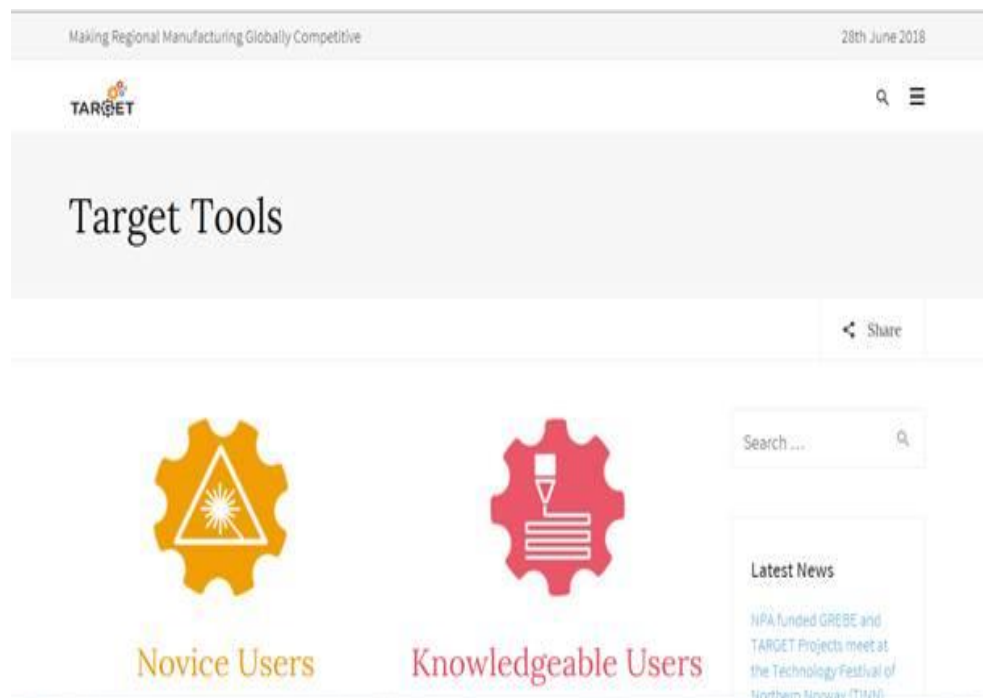
## TARGET website – ([www.targetproject.eu](http://www.targetproject.eu)) cont'd

TARGET partners have developed a toolbox of supports to build future global competitiveness of manufacturers in the NPA region, giving them a new influx of innovation, technology and novel processes.

These tools will open up new and promising opportunities and reduce the competitive and knowledge gap (for companies in the NPA region) through the introduction of new processes, techniques, knowledge, and skills. They will also demonstrate the benefits to be gained through the application of these processes/technologies so as to position NPA manufacturing industries as world leaders in their sectors and build sustainable competitive advantage.

The website will have two access options:-

1. For the “novice users” i.e. those who haven’t defined their issue or challenge, who will be directed to a diagnostic questionnaire;
2. The “knowledgeable users” - i.e. those who have identified or are aware of their issue or challenge and who can log in to the relevant tool.





## Presentation of Tools - TARGET NPA Project Team Meeting cont'd

Padraig McNamee, Lead Partner (South West College) led a discussion on the sixteen tools developed during the project, with input from each of the responsible partners.

### TARGET Tools

Name of TARGET toolbox and support	Partner Responsible
Virtual Reality	Centria University
Process Simulations/Layout Planning	Centria University
Remote Monitoring/RFID	Centria University
Digital Scanning and measuring	Centria University
Robotics	Centria University
Open Innovation	Luleå University of Technology
Early Design Processes	Luleå University of Technology
Creative Concept Development	Luleå University of Technology
Innovation Methods	Luleå University of Technology
Lean Manufacturing	South West College
Business Models	South West College
Environmental Management	South West College
Diagnostic Tool	South West College
Industrial Automation	UiT The Arctic University of Norway
Additive Manufacturing	UiT The Arctic University of Norway
Supply Chain Management	UiT The Arctic University of Norway







## Upcoming Events & Activities - 2nd International Symposium on Small-scale Intelligent Manufacturing Systems (SIMS 2018)

SIMS 2018 is being hosted in the Farnham Estate Spa & Golf Resort in Cavan, Ireland from 16 – 18 April 2018 (<http://sims.uit.no/>).

SIMS, which held its first International Symposium in UiT, Narvik, Norway in 2016, aims at incorporating state-of-the-art technologies with leading edge management methods for achieving continuous improvement on flexibility, reliability, productivity and sustainability of manufacturing systems in order to provide customers with highly customized products at reasonable price and rapid delivery.

The main topics of SIMS 2018 include:-

- Robotics and Automation
- Augmented Reality
- Innovative Product Design and Optimization
- Integration of CAD/CAPP/CAM/CIMS
- Operations Management
- Quality Control and Management
- Sustainable Supply Chain Management
- Industry 4.0
- Lean and Agile Manufacturing
- Virtual and Grid Manufacturing
- Flexible manufacturing system
- Logistics and Life-cycle Management
- Intelligent Decision Making
- Big Data and Internet of Things
- Intelligent Manufacturing
- Human Factors
- Production planning and control
- Safety, Security and Risk Management



Farnham Estate Spa & Golf Resort

## Upcoming Events & Activities

- Monthly Partner (SKYPE) Meetings
- International exchanges / visits amongst project partners and participating companies.
- SIMS 2nd International Symposium on Small-scale Intelligent Manufacturing Systems - 16 – 18 April 2018
- TARGET close event 16 April 2018





## 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](mailto:edel.mccusker@swc.ac.uk); [www.swc.ac.uk](http://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](mailto:hao.yu@uit.no); [www.nuc.hin.no](http://www.nuc.hin.no).

**Centria University of Applied Sciences**, Talonpojankatu 2, 671000 Kokkola, Finland; Tel: 003544492564; Email: [heidi.kaartinen@centria.fi](mailto:heidi.kaartinen@centria.fi); [www.centria.fi](http://www.centria.fi)

**Luleå University of Technology**, Universitetsområdet Porson, 97187, Luleå, Sweden; Tel: 0046 920492061; Email: [asaeri@ltu.se](mailto:asaeri@ltu.se); [www.ilt.se](http://www.ilt.se)

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

**Local Enterprise Office Sligo** City Hall, Quay Street, Sligo, Ireland; Tel: [0035371 9144779](tel:00353719144779); Email: [liamkiely@sligoenterprise.ie](mailto:liamkiely@sligoenterprise.ie); [www.localenterprise.ie/sligo](http://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](mailto:edel.mccusker@swc.ac.uk)

