



## 4<sup>th</sup> Newsletter of the Smarter Project

10<sup>th</sup> September 2015

### Secondment Activities of Inenco Group (also called NIFES in the following story) to Sweden

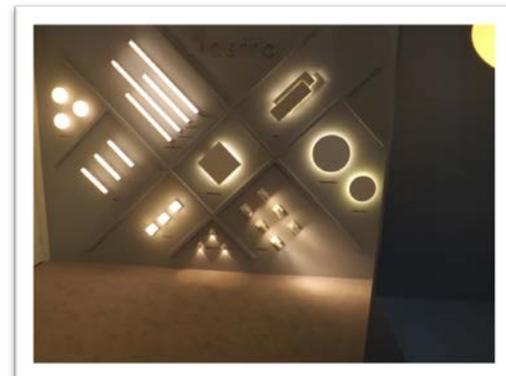
Mr Donald Lack and Mr Stewart Conway from Inenco Group of UK started their secondment to KTH on the 6<sup>th</sup> February with the travel from London Heathrow to Stockholm. The following is Donald's and Stewart's stories of this secondment.

#### *Arrival in Sweden*

We travelled to the Northern Light Fair at the Stockholm Exhibition & Congress Centre where we had been booked into visit and present details of the SMARTER project.



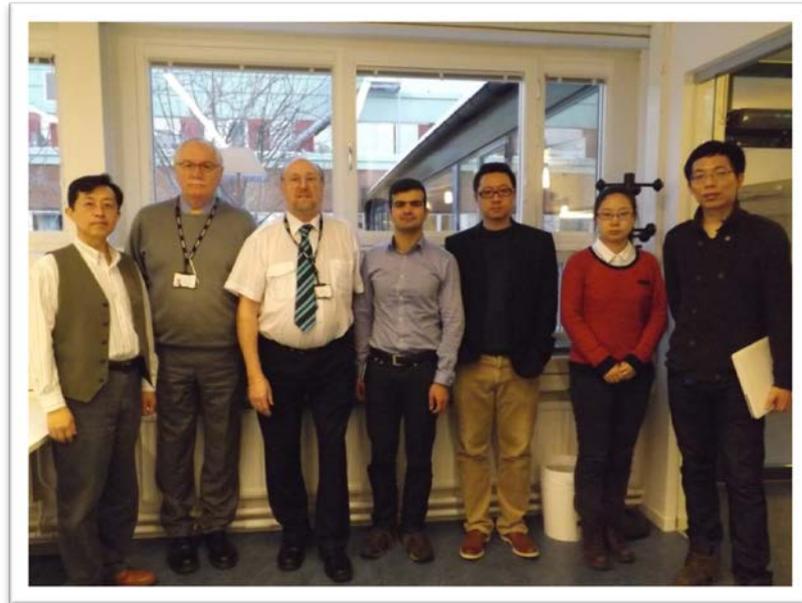
We returned to the Northern Light Fair at the Stockholm Exhibition & Congress Centre on the Saturday for more dissemination opportunities and to look at some of the sustainable industrial lighting & monitoring systems.



We met up with a number of manufactures and suppliers and we were able to provide them with the details of the SMARTER project and the printed leaflet.

On the Sunday morning we travel to the KTH University to visit the site and familiarise ourselves with the location and facilities and in the afternoon we visited the Stockholm Council building which is very energy efficient and has been the subject of favourable low energy technology.

### *Meeting the KTH team of Researchers & Professors*



From left to right:  
Professor Lihui Wang Chair of Sustainable Manufacturing  
Stewart Conway EU Project Officer for NIFES  
Donald lack NIFES EU Project director for NIFES  
Dr Abdullah Mohammed  
Dr Xi Wang (Vincent)  
Yue Meng  
Hongyi Liu

### *Installing the NIFES data logger*

NIFES involvement with the SMARTER project is to independently validate the energy used during the various experiments and to generally assist the researchers to validate their work and results independently utilising certified instrumentation that has being approved within the last year. The Hermle machine below is a multi tooled computer numerically controlled milling machine. Hermle produces a wide range of high precision machine tools noted throughout the world for their exceptional accuracy and high quality.

In the image below the installation of the data logger is supervised by Stewart Conway who also installs the data logger to measure the total energy use during the full 14 days of monitoring that has been allowed for within the NIFES 35 day program for SMARTER in Stockholm.



During the placement at KTH University in Stockholm a presentation was made to the professors and researchers covering the NIFES input into the SMARTER project and the results from the UK and work with CIM in Barcelona. Donald Lack below presented the role of the NIFES team and the opportunity of the secondments to the UK under the Marie Curie Program within SMARTER



### *Visit University of Skövde (HIS)*

During the work at Stockholm we found time to undertake a visit to University of Skövde & HIS by train Dr Tehseen Aslam, PhD was able to meet us and we undertook a study of the work that HIS were doing with their programme.



Donald Lack presents the NIFES research and dissemination and shares experiences and discusses the general opportunities for secondments to NIFES and the work that has been achieved to date with placements from CIM to NIFES and the work programme.

Stewart Conway will liaise with the secondment to NIFES and the work that will be required during the SMARTER secondment, during the visit to Skovade. Dr. Tehseen Aslam and Stewart Conway discussed the opportunities for the researchers and their requirements during the meeting.

During the above detailed discussion on the NIFES project Stewart Conway covered the monitoring and auditing process and the independent validation and how NIFES compliments the SMARTER programme and the exchange secondment and the work that is carried out during the 2 month placement within the UK.