



# Newsletter No 1

July 2016

Dear Readers,

## Coordinator:



Welcome to our first issue of the UMi-TWINN newsletter which aims to provide you with up-to-date news on project results and information about foreseen activities and events relevant to logistics technologies research and innovation.

UMi-TWINN is a three year project funded by the European Commission's Horizon 2020 programme and titled "Reinforcing the scientific excellence and innovation capacity in logistics technologies of the University of Miskolc". The project brings together excellent consortium partners who will closely collaborate with the University of Miskolc to improve its scientific excellence and innovation capacity in logistics technologies, as well as implementing a research and innovation strategy focused on three research topics of high importance:

1. Design of logistic systems and networks;
2. Intelligent transport systems;
3. Dynamical analysis of materials handling machines.

## Partners:



This is an exciting venture, not only into the advancements in logistics technology and innovation, but also an excellent opportunity for the University of Miskolc (UMi) to collaborate with renowned twinning partners.



Together, they will implement and participate in a number of technology and knowledge-transfer activities including staff exchanges, summer schools, international conferences and training workshops from Jan 2016 to December 2018.



We hope that you continue to keep up with our project updates and success in the coming years.

*Enjoy your reading!*



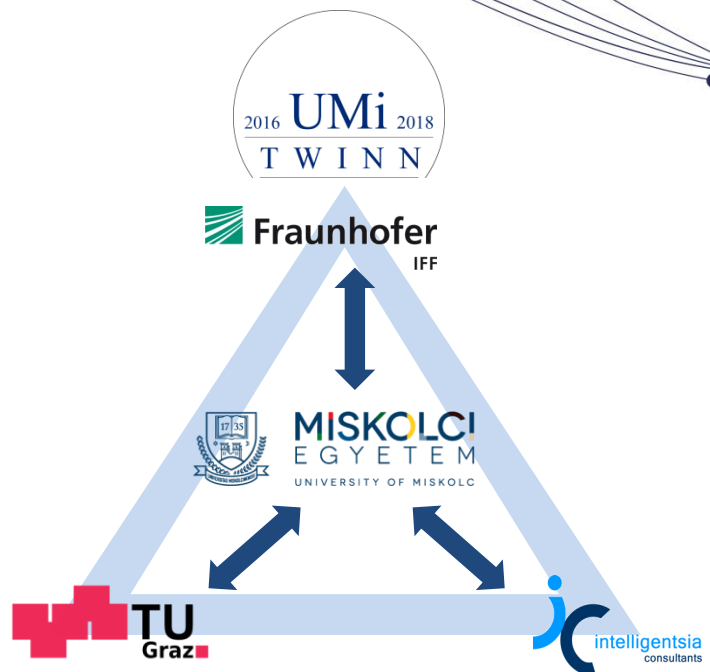
*The UMi-TWINN project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 691942*

## Presentation of the project

The UMi-TWINN project has been funded under the “Spreading Excellence and Widening” section of the Horizon 2020 Programme. The **Twinning** scheme aims to strengthen a defined field of research in a knowledge institution through linking with internationally-leading counterparts in Europe.

The UMi-TWINN project is focusing on logistics technologies at the University of Miskolc (Hungary). The consortium partners have three years to achieve the following objectives:

- ❖ Strengthen UMi’s research excellence in logistics technologies
- ❖ Enhance the research and innovation capacity of UMi and Twinning partners
- ❖ Raise the research profile of UMi and the Twinning Partners
- ❖ Contribute to the research and innovation priorities of Hungary
- ❖ Support research and innovation on a European level



## UMi-TWINN project activities



### Staff exchange

Short-term travels from 1 week to 2 months from/to UMi.

Exchange of knowledge relevant to the 3 research topics.



### Training

Organisation of **6** training workshops, **3** summer schools and **1** international conference.

Participation to logistics technologies scientific events.



### Promotion & dissemination

Promotion of UMi-TWINN project to the general public.

Dissemination of results to the scientific and industrial communities.

## Kick-off meeting

The UMi-TWINN kick-off meeting took place in Miskolc (Hungary) the 4-5<sup>th</sup> of February 2016. The project launch was well-represented by the members of the consortium and many highly-respected academics (Dr. Zsuzsanna Óváriné Balajti, vice rector at UMi) and political figures (Mr. Gábor Kiss, deputy mayor of Miskolc city)

The partners UMi, Fraunhofer IFF, TU Graz and Intelligentsia introduced their institutions and their research and innovation activities. Then the consortium defined an action plan for the next year in order to achieve all the project objectives and targets.

The kick-off meeting was also an occasion for the partners to visit UMi's laboratories (e.g. 3D virtual logistics, simulation modeling and high-tech integrated logistics).



## Training workshops

During the first semester of the UMi-TWINN project, the partners organised none less than two training workshops.

The 1<sup>st</sup> workshop took place in Miskolc on the 20<sup>th</sup> April 2016 with the participation of several international experts and a significant number of industry actors from the region of Miskolc.

The 2<sup>nd</sup> workshop has been organised to take place in Magdeburg (Germany) on the 21<sup>st</sup> June 2016 in the framework of the IFF Science Days conference.



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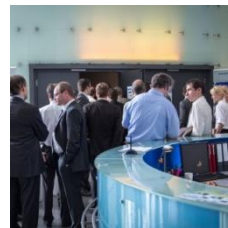


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**SBS Kft**



**Fraunhofer**  
IFF



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## Organisation of the 1<sup>st</sup> summer school

Among the project tasks, the organisation of three (3) summer schools is undeniably a fun and convivial activity but also very productive for the participants.

During 5-6 days, the attendees will live together and alternate between training courses, visits of successful logistics organisations and participate in social and cultural events. The summer schools will directly contribute to the enhancement of UMi's staff research knowledge in the field of logistics technologies, while strengthening their relationship with the other participants which is the philosophy of Twinning projects.

The partner TU Graz have volunteered themselves to organise the 1<sup>st</sup> UMi-TWINN summer school in Austria the 26-30<sup>th</sup> September 2016. Prof. Jodin and Dr. Landschuetzer, from TU Graz, recently presented the draft programme of the summer school which will be open to 15-20 participants.

The programme of the 1<sup>st</sup> UMi-TWINN summer school consists of training courses (e.g. Production logistics, Traffic logistics, Intralogistics and Distribution logistics), site visits to experienced logistics companies in Austria and social events (hiking in High Styria mountains, visit of Graz city hall).

**Distribution  
Logistics**



**Production  
Logistics**



**Traffic Logistics**



**Intralogistics**



**From Raw Material  
to Logistics**



Contact



via the project website:

**[www.umi-twinn.com](http://www.umi-twinn.com)**

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