




DRIVEN

Increasing the scientific excellence and
innovation capacity in Data-Driven Simulation
of the University of Luxembourg



*The DRIVEN project has received funding from the European Union's Horizon2020
research and innovation programme under grant agreement No 811099.*

Project datasheet

- DRIVEN project has received funding from the European Union's Horizon 2020 research and innovation programme.

1 million euros




- The project started the 1st of October 2018 and will end in September 2021.

36 months

- DRIVEN project is coordinated by the University of Luxembourg



Project objectives

-  The overall aim of the DRIVEN project is to boost the scientific excellence and innovation capacity in data-driven simulation of the Computational Sciences interdisciplinary group at the University of Luxembourg.
-  The Twinning activities will benefit the University of Luxembourg but also the other consortium partners.
-  The project will have a positive impact on numerous industrial sectors in Luxembourg and in Europe such as Materials, Space Technology and Automotive.



Project objectives

Objective 1

- Strengthen UL's research excellence in data-driven simulation

Objective 2

- Enhance the research and innovation capacity of UL and the Twinning partners

Objective 3

- Raise the research profile of UL and the Twinning Partners

Objective 4



- Contribute to the SMART Specialisation Strategy of Luxembourg

Objective 5

- Support research and innovation on a European level



DRIVEN Scientific knowledge

-  The DRIVEN project is based on the scientific excellence of the University of Luxembourg and the twinning partners in in data-driven simulation.
-  The partners will implement a research and innovation strategy focused on three sub-topics:
 1. Mathematical foundations for data-driven simulations (UL and UT Austin)
 2. Data-driven simulations for computer-assisted therapy (UL and Inria)
 3. Data-driven simulations for functional composite materials (UL and ULIM)



Project activities

 Twinning activities and staff exchange between UL, Inria, ULIM and UT Austin.



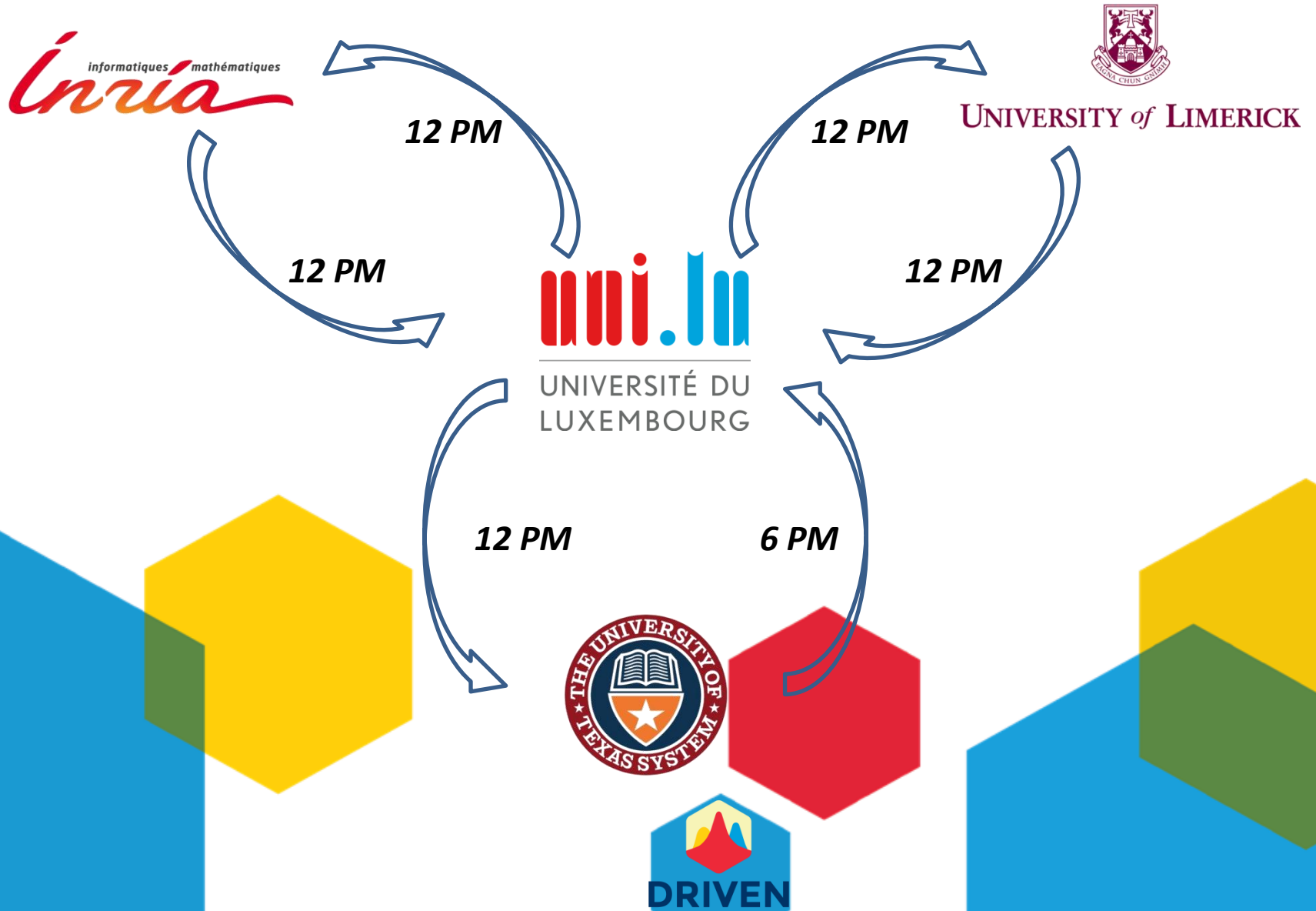
 Training events (workshops, summer schools, and international conference).




 Promotion and dissemination of project results to a large audience.



Staff exchanges



Training events

 DRIVEN will organise several training events dedicated to the scientific community specialised in data-driven simulation:

 *Six (6) training workshops.*

 *Four (4) workshops in Luxembourg, one (1) in France and one (1) in Ireland.*


 *Three (3) summer schools.*

 *One (1) in Luxembourg, one (1) in France and one (1) in Ireland.*

 *One (1) international conference in Luxembourg.*




Dissemination of results

 All the DRIVEN news will be published on the project website and will include:

 *Detailed information on the project achievements,*

 *The organisation of training events,*

 *Scientific results and relevant publications,*

 *Interesting news from the data-driven simulation scientific community.*

2020driven.uni.lu





DRIVEN

Thank you for your
attention!!



The DRIVEN project has received funding from the European Union's Horizon2020 research and innovation programme under grant agreement No 811099.