

The NIL MRT for business

To explore the possibilities of the application of continuous flow micro reactors to solve problems that are currently observed in batch technology and improve the current process or even develop new products and processes the Network of Innovation and Learning offers you access to:

- State of the art equipment
- State of the art knowledge and expertise (online and offline)
- Training of employees
- R&D projects with companies and or higher educational institutes

Subscribe to the NIL-MRT network now!

One of the aims of the NIL-MRT project is to create an international network of companies and people involved in microreactor technology. And we would like to invite you to subscribe.

Subscription does not force any obligations on you but it will give you access to:

- a high value network in the field of Micro Reactor Technology;
- knowledge from professionals in the field, both on the educational/research as on the business side;
- the latest business cases, articles, literature and news;
- an international network of experts;
- a platform to discuss and share.

Of course we welcome your input and value your active participation in the network.

For a subscription please visit

www.microreactortechnology.eu

Consortium

Open Universiteit
www.ou.nl



UNIVERSITY OF Hull

DCU

provadis School of International Management & Technology
University of Applied Sciences

ZU
YD

Contact



Zuyd University of applied sciences
Chemelot Innovation and Learning Labs
Chemelot campus
Urmonderbaan 22
Gate 2, gebouw 110
6167 RD Geleen
The Netherlands

www.microreactortechnology.eu



Micro Reactor Technology

Bringing together business, education & research



Micro Reactor Technology



The Chemical industry and the large production facilities in general are important fundamentals of our western economy. However, in the coming years a great challenge lies ahead in the field of international competition, innovation and sustainability. These challenges can be met by improving existing processes and introducing new technologies. One of these technologies is Micro Flow Reactors. These reactors have the ability to deliver safer and more energy efficient processes. The space-time revenues are even higher. Processes run faster and economies of scale can be more easily achieved.

A high value network

The real-life participation of different participants in the network will strengthen both results and value of the network. Bringing together people of diverse backgrounds, e.g. different working environment, educational background or scientific knowledge, can accelerate innovation. By choosing a well-defined area of interest like micro reactors this project will not only be able to setup an educational programme on micro reactors but will also innovate the classical education system at the universities involved. By combining education of students and professionals with question from SME's, the innovative potential of the regions involved will increase tremendously.



NIL-MRT for education & research



To prepare young professionals for their future it is essential to introduce the concepts of MRT in teaching programs as well for chemistry students as for engineering students. Joining NIL-MRT provides you as a student or lecturer/ researcher with:

- Online educational content on all levels
- E-learning modules where you can learn about the chemistry and engineering basics of MRT, at a location and time of your own choice, including tests
- Modular building blocks to develop (lab) classes and educational projects in the field of MRT and examples of how this is used by higher educational institutes
- Masterclasses
- The opportunity to co-develop education, technology and application of MRT by participation in (multi- and interdisciplinary) real-life research or educational projects of different levels
- Business/research cases