

COMET: K-Project

CC FLOW	
Center for Continuous Flow Synthesis and Processing	
Main location	Graz, Styria
Other locations	-
Research programme	Chemistry, Chemical Engineering, Pharmaceuticals
Planned realisation and outcomes	
The objective CC FLOW is to advance and strengthen knowledge in continuous processing and flow chemistry within Austria. Integrating these areas of expertise within the structure of CC FLOW will enable the development of novel and innovative methods for the continuous production of Active Pharmaceutical Ingredients (APIs) and, at the same time, to develop a deep fundamental scientific understanding of all the key parameters along the process chain.	
History of establishment	Previous CDG, FFG, FWF and EU-projects in the field of flow chemistry in addition to multiple bilateral industrial collaborations, covering a ten year period.
Selected company partners (max. 10)	Selected scientific partners (max. 5)
1. Anton Paar GmbH	1. University of Graz (Institute of Chemistry)
2. E.L.T. Kunststofftechnik & Werkzeugbau GmbH	2. Graz University of Technology (Institute of Process and Particle Engineering and Institute of Analytical Chemistry and Food Chemistry)
3. Lithoz GmbH	Selected international partners ¹ (max. 5)
4. Microinnova Engineering GmbH	1. AstraZeneca UK Ltd (Macclesfield, UK)
5. Patheon Fine Chemicals Austria GmbH & Co KG	2. Chemtrix BV (Geelen, Netherlands)
6. Phyllon GmbH	3. Eli Lilly and Company (Alcobendas, Spain)
7. Prozess Optimal CAP GmbH	4. Lonza AG (Visp, Switzerland)
	5. ThalesNano (Budapest, Hungary)
Start of the K-Project	01.07.2017 (4 years)
Number of personnel	13,5 (FTE) are involved (11,5 FTE are scientists)
Total costs	EUR 4.667.662,-
Leader of consortium:	Research Center Pharmaceutical Engineering GmbH, Dr. Thomas Klein (CEO)
Contact:	Inffeldgasse 13, 8010 Graz, Österreich 0043/316/873-30901 thomas.klein@rpce.at http://www.rcpe.at/

¹ Partners with headquarters outside Austria