

Internationalisation in Education and Further Training

Invention of European Training



KUNSTSTOFF
INSTITUT
LÜDENSCHIED



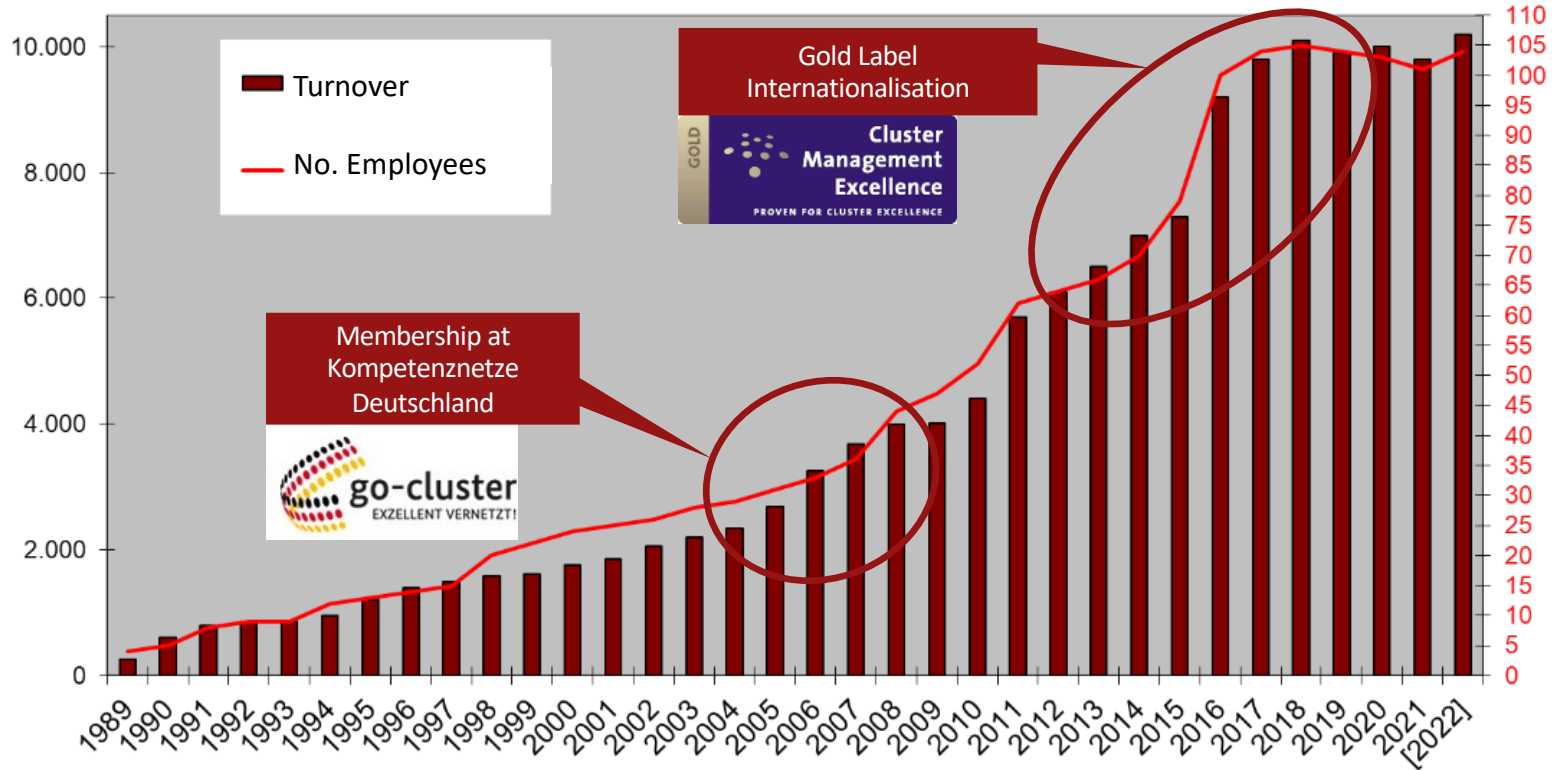
Lüdenscheid Plastics Institute

2023
489 members



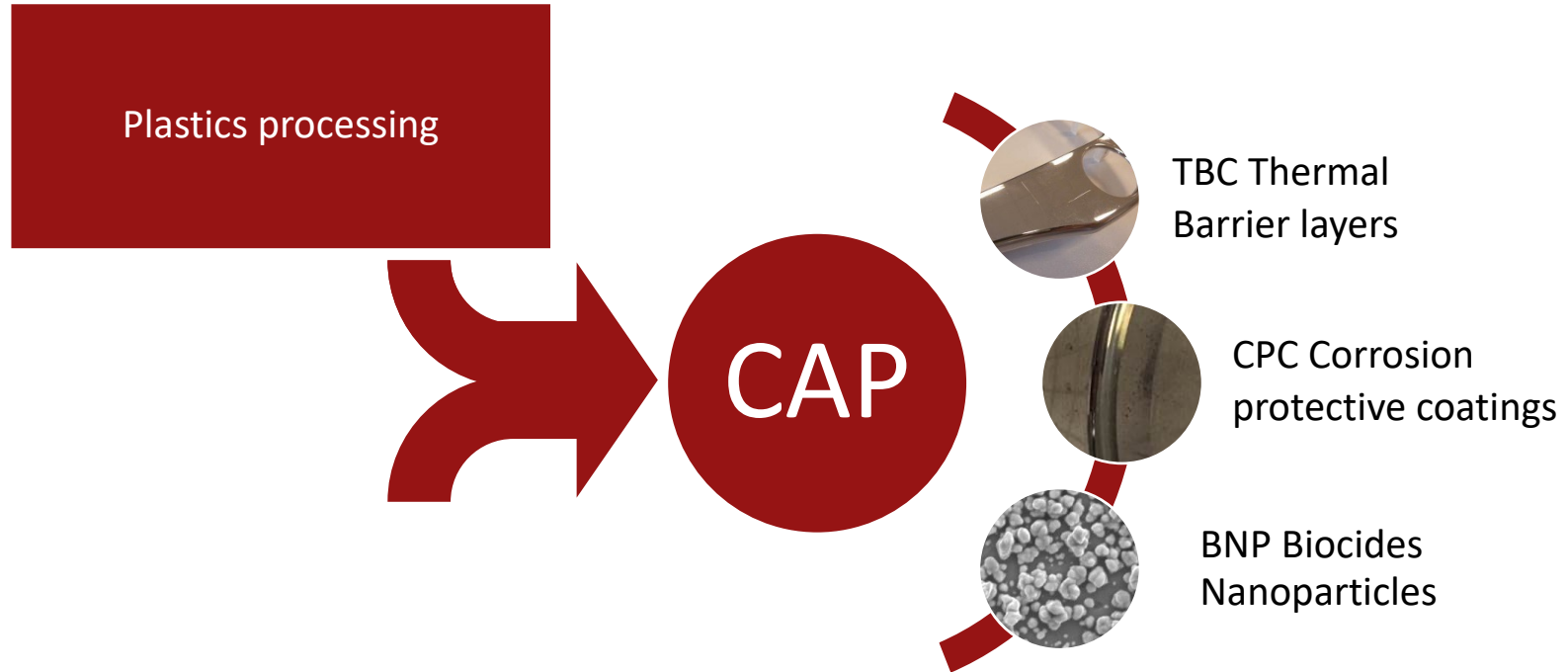
- ▶ Machine Manufacturers
- ▶ Raw Material Producers
- ▶ Tool and Mouldmakers
- ▶ Peripherals, Automation
- ▶ All industries: Automotive, Electrical, Lighting, Medical Technology,
- ▶ Universities, Institutes, Clusters, ...

The innovation cluster



Best Practise #1: Coating and Particles

- ▶ Linking two industries...



Search for suitable partner countries



Independent evaluation:

ZENIT - CVD Market Study

IIT - International Cluster Analysis

IWF - Technology Study Coating

IUTA - Technology Study Nanoparticles

Technologieanalyse

Anzahl der Publikationen

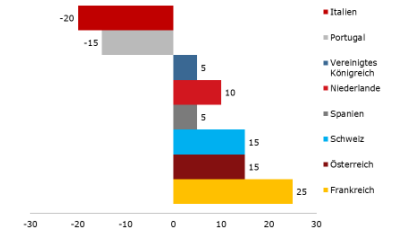


SWOT-Analyse

► Beispiel Niederlande

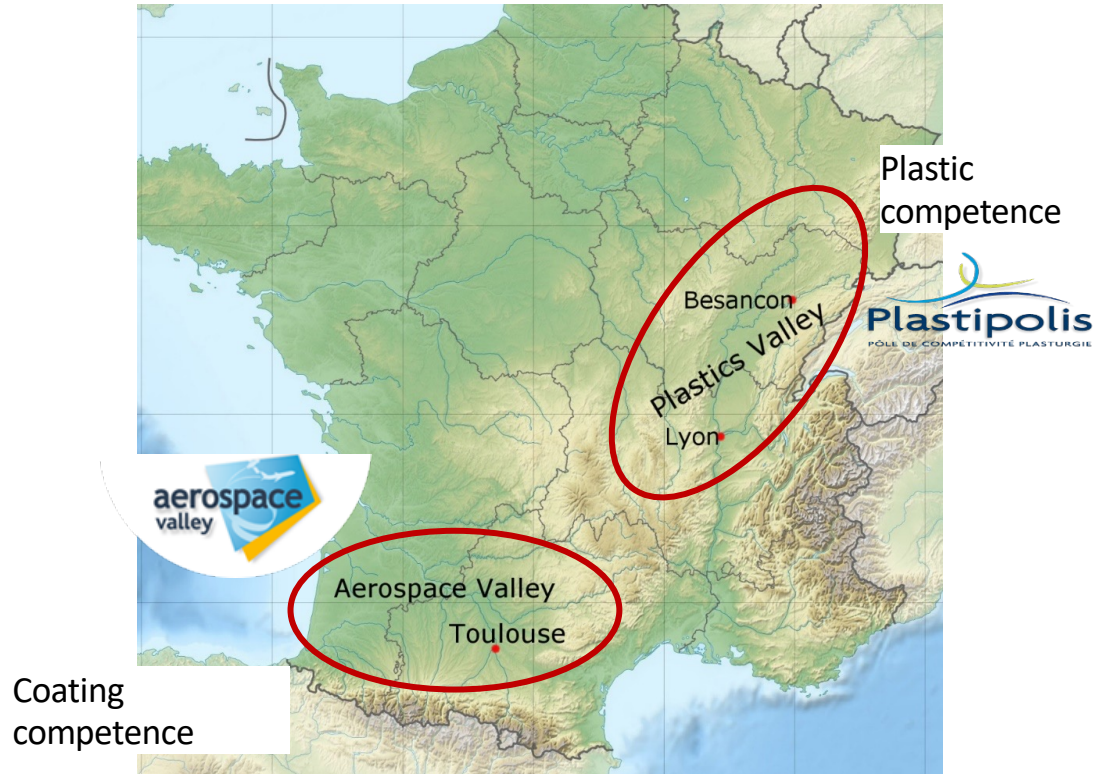
Strengths (Stärken)	Punkt	Weaknesses (Schwächen)	Punkt
Führende Distributionsscheibe Europas.	5	Kleiner Binnen-Industrieproduktionsstandort.	5
Wirtschaftliche Erholung.	10	hochspezialisierte Wirtschaft abhängig vom Crimatis Regime.	10
Eigene Erdgasvorkommen- und -exporte.	0	längere Innen-Abstimmungsprozesse.	5
Interkulturelle Offenheit, Produktivität und Wettbewerbsfähigkeit.	10		
Gute IKT-Infrastruktur.	5		

Ergebnis der Auswertung

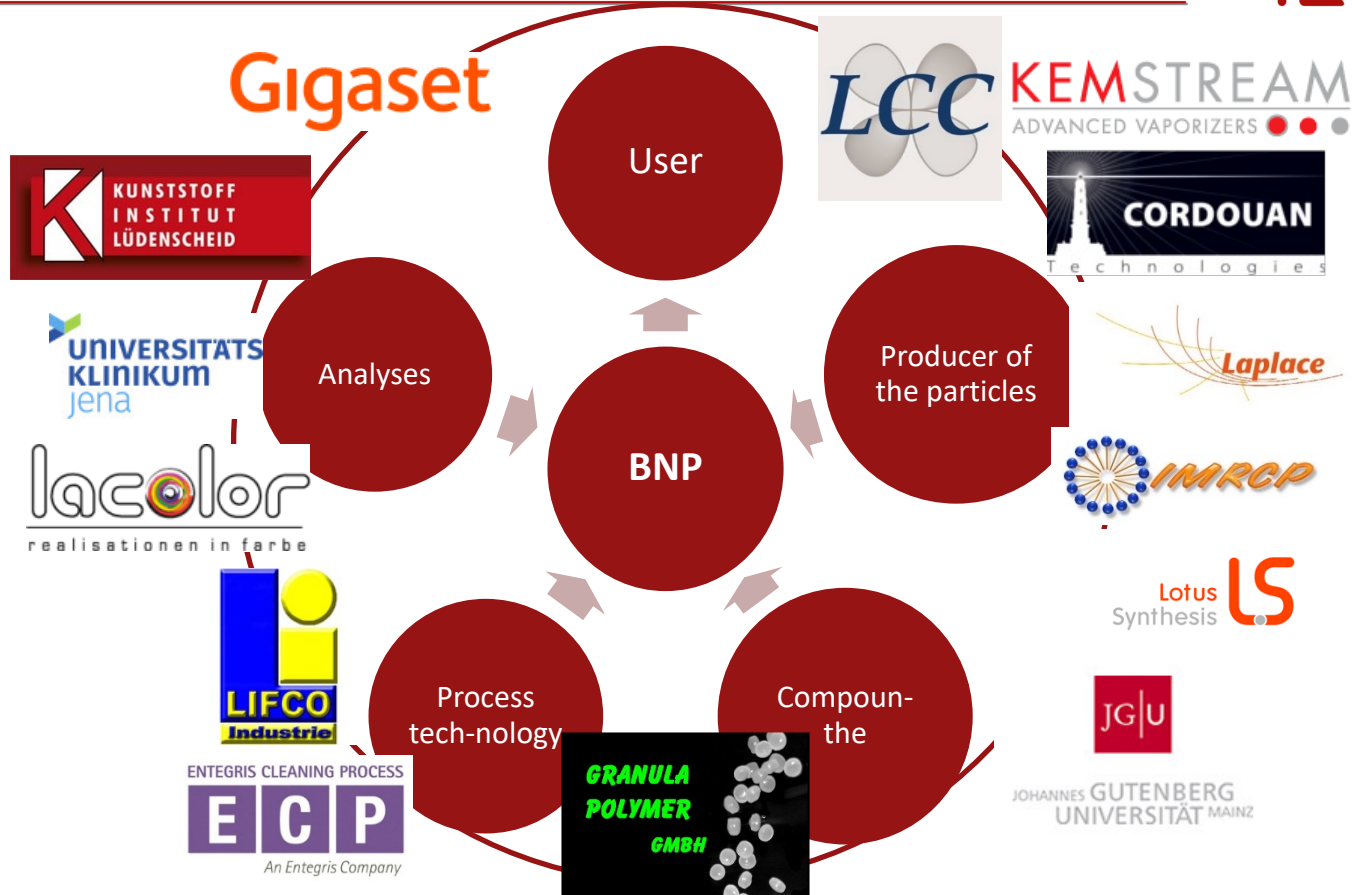


SWOT-Analyse der Germany Trade and Invest - Jahresbericht 2015/16 - G
Wirtschaft und Energie, aufgrund eines Beschlusses des Deutschen Bundes

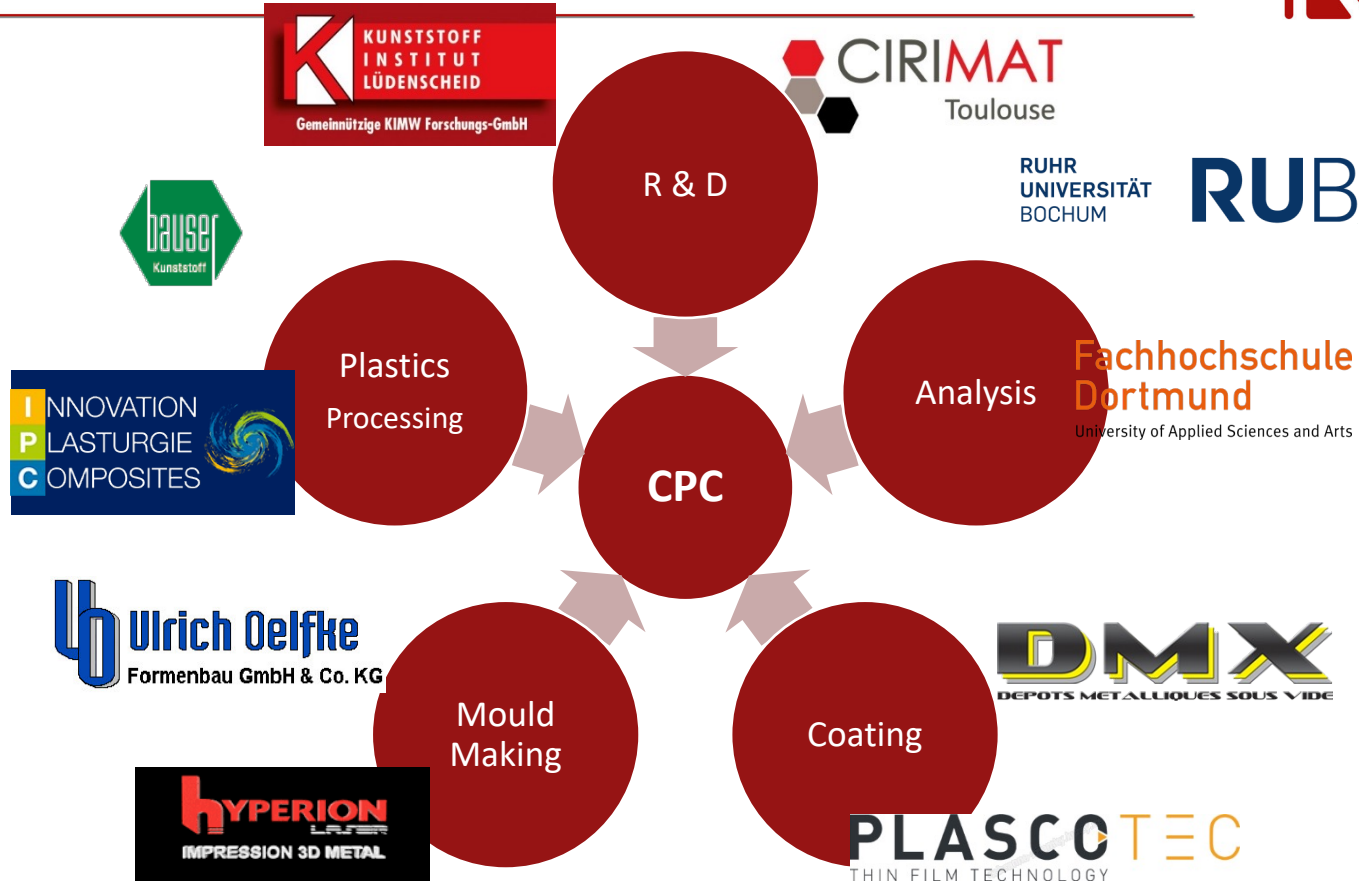
Destination regions in France



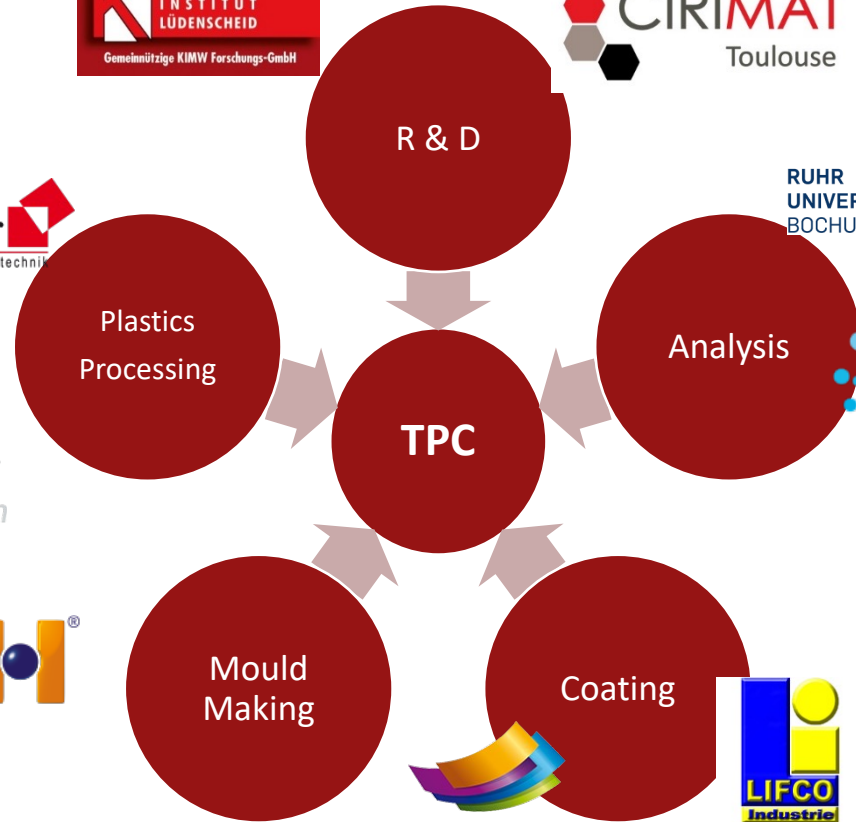
BNP - Biocide Nano Particles




CPC - Corrosion Protection Coating



TBC - Thermal Barrier Coating



- ▶ Creating a hybrid Education Course with topics of circular economy
- ▶ Integration into the ECTS points system of the universities
- ▶ Establishment as a component of vocational education and training (VET)
- ▶ Regular project meetings and pilot applications ( Users wanted)
- ▶ Term from 01.09.2022 to 31.08.2025 (3 years)
- ▶ Scope: € 1.9 million, funding rate 80%


- ▶ Systemic strategies and entrepreneurship
- ▶ Digital skills
- ▶ Recycling - Upcycling - Downcycling
- ▶ Materials and their properties
- ▶ Ecodesign and life cycle assessments
- ▶ Manufacturing process
- ▶ Users and users
- ▶ Recycling strategies



- ▶ Step to Labour: "Systematic Transition from Prison into the Labour Market"
- ▶ Goal: Bringing together correctional institutions and businesses to utilise human resources.
- ▶ Target groups:
 - Prisoners serving shorter sentences or at the end of their sentence who wish to engage in skilled work after their release
 - Companies that are looking for skilled workers
- ▶ Duration: 01.01.2022 - 30.06.2024 (2.5 years)
- ▶ Scope: € 370,000, funding rate 80%

- ▶ Counselling, training and vocational (re)integration of prison inmates in the plastics and tooling industry
- ▶ Creating a cooperative approach between prison services and the private sector
- ▶ Develop a training standard for inmates who want to acquire new industry-specific skills, needed in the current labour market.
- ▶ help with the development of career plans, continuous learning
- ▶ Preparing employers for the recruitment of Prisoners after release



- ▶ Teaching the basic skills of plastics technology, testing internship programmes during the completion of the prison sentence.
( Users wanted for pilot projects)
- ▶ Customised e-learning platform to support the training content
- ▶ Certification of the modules for vocational education and training
- ▶ Training of trainers (Teach the Teacher)
 - Staff from correctional institutions and the private sector to carry out STEP2LAB processes.



Thank you for your attention!

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