



datemats

a design-driven approach for the knowledge
transfer of emerging materials and technologies

Datemats project aims to transfer and implement a unique design-led teaching method for students with a mixed background (design and engineering) in the field of Emerging Materials and Technologies (EM&Ts), and to boost knowledge and technology transfer from academia and research centres to industry in a designerly way, developing new approaches and guidelines.



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EM&Ts are at the leading edge in several sectors and are one of the key-elements through which industries stimulate innovation processes and foster creativity.

The landscape of EM&Ts requires new interdisciplinary and transdisciplinary approaches in education, industry and business.

The diversity and speed of change in the landscape of EM&Ts provides great opportunity for an open innovation approach in which knowledge intensive companies' and universities play a critical role in realizing the potential economic benefits.

4 EM&Ts AREA



Nanomaterials
EM&Ts



ICS: Wearables
EM&Ts



Advanced growing
EM&Ts



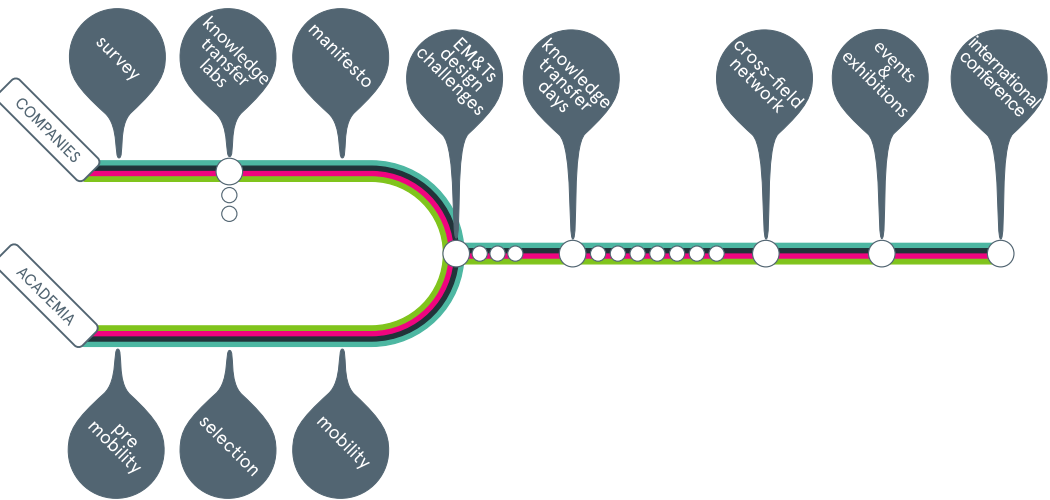
Experimental Wood-based
EM&Ts

Dataemats investigates and focuses on four specific macro-areas of Emerging Materials and Technologies considering the universities' fields of activities, competencies and expertise.

The developed methodologies for each EM&Ts area will represent an improvement in the education of new skills for industrial design and engineering students.

Datemats is implementing several activities and is working to co-create several outputs, such of: teaching methods and training framework, methodology and guidelines addressing EM&Ts; workshops addressed to managers from companies and startups in specific EM&Ts areas; cross-competence pre-mobility and mobility activities for students and academic staff.

Be involved in a unique path



10 partners

An interdisciplinary consortium to support the exchange of good practices, mutual learning and the development of joint results, involving a total of ten partners connecting six European countries:

Italy	Politecnico di Milano
Italy	Materially
Italy	Centro Italiano Apprendimento Permanente
Spain	Fomentde les Arts i del Disseny
Spain	Tecnun Universidad de Navarra
Spain	Barcelona Centro de Diseño
Denmark	Copenhagen School of Design and Technology
Sweden	Industrial Development Center
Finland	Aalto University
Portugal	Grupo ISQ

Be part

Datemats activities are open to faculty, students and enterprises and will offer several occasions in which the involved universities will share their best practices for knowledge and technology transfer.

If you are an industry, a company, or a startup (EM&Ts producer, supplier, manufacturer or end-user) operating in one of the mentioned areas, be part of this advanced experience and do not hesitate to contact us for more information.

If you are a design or engineering student of one of the affiliated universities apply to be part of the educational activity path. You might be selected for the pre-mobility and/or mobility activities.

Visit the Datemats website for more information and subscribe to the newsletter to be updated and join to Datemats LinkedIn group



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