



Presentació del projecte
Institut de Terrassa
28.09.2022



Què és el FACTIVE



Co-funded by the
Erasmus+ Programme
of the European Union

Què és el FACTIVE

- Acostar el tèxtil al nou alumnat amb les metodologies actives
- Actualitzar contingut del currículum de formació tèxtil en competències de sostenibilitat
- Acostar la indústria i la formació

Indústria



Formació

Qui és el FACTIVE



- > Entitats de Ensenyament i Formació Professional
- > Centres tecnològics
- > Clusters i associacions empresarials
- > Consultories

Com s'ha fet el FACTIVE



IO1 - The most relevant transversal skills needed by future Textile and Clothing professionals



IO2 - FACTIVE learning methodology



IO3 - FACTIVE Training Toolkit - MOOC



IO4 - FACTIVE Handbook



IO5 - Compendium of Pilot Testing Reports

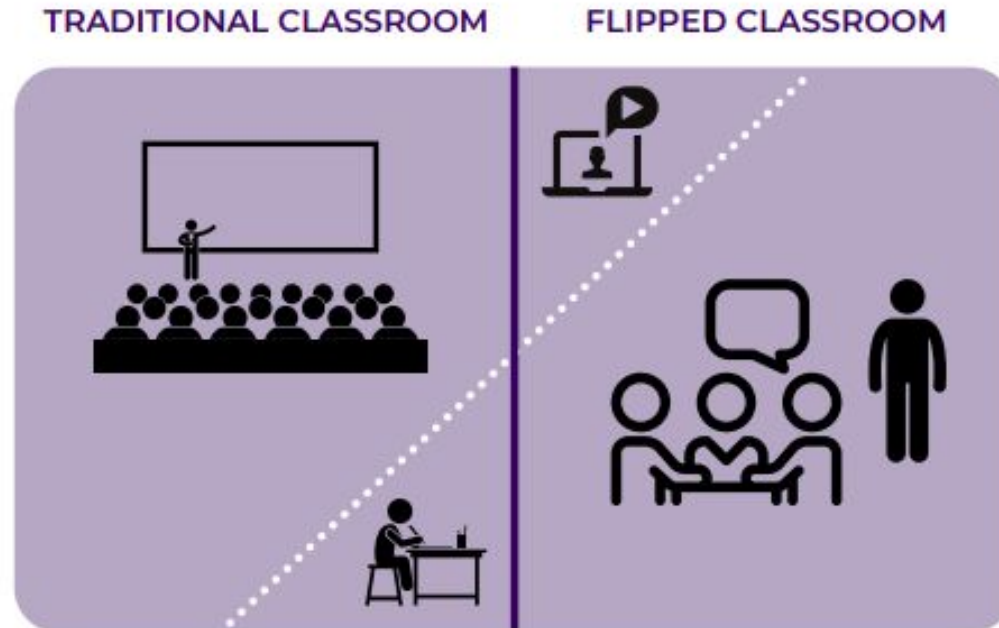


IO6 - FACTIVE Community of practice

FACTIVE Project - Outputs

Com és el FACTIVE

Flipped Classroom - Classe invertida



Dr Blanka Tacer, Dr Tine Nagy, Dr Giada Marinensi, & Rob Senden

FLIPPED CLASSROOM: REINVENT YOUR TEACHING PRACTICE

With teaching cases, exercises, and
implementation hacks



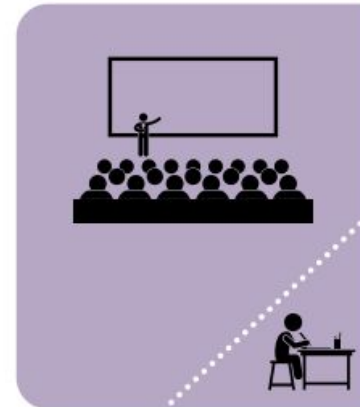
<http://factiveproject.eu/wp-content/uploads/2021/12/FlippedClassroomHandbookFinal-1.pdf>

Com és el FACTIVE

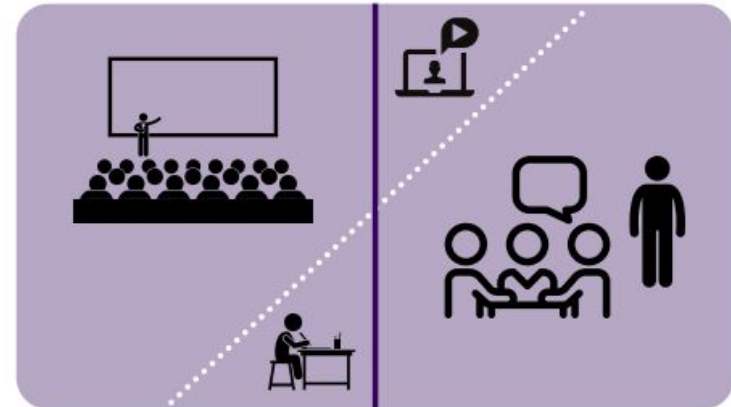
Flipped Classroom - Classe invertida

- Alumnat com a part activa del seu aprenentatge
- Metacognició
- Possibilitat de treballar sobre escenaris reals o casos pràctics
- Aprenentatge durador, profund i significatiu
- Es poden treballar moltes competències

TRADITIONAL CLASSROOM



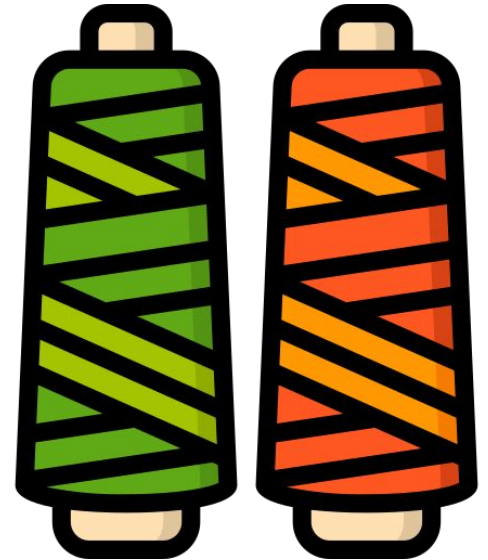
FLIPPED CLASSROOM



Com és el FACTIVE

FACTIVE Massive Open Online Course (MOOC)

- Anàlisis de la indústria tèxtil des d'un punt de vista sostenible
 - Ser conscients de l'impacte
 - Nous processos
 - Nous models de negoci
 - Noves tecnologies



Com és el FACTIVE



Learning Unit 1: Course Overview

1.1 Course Overview.



Learning Unit 2: Sustainability scope

- 2.1 Sustainability and corporate sustainability.
- 2.2 Sustainable practices in the T&C industry.
- 2.3 Sustainability: Environmental, social and economic impacts.



Learning Unit 3: Textile & Clothing sustainability

- 3.1 360° sustainability.
- 3.2 Sector systemics initiatives.
- 3.3 Greenwashing.
- 3.4 Reuse, recycling and traceability: Top case studies.



Learning Unit 4: Sustainable textile materials

- 4.1 Fibre and materials market (key facts).
- 4.2 Product certification and validation.
- 4.3 Reuse of waste materials.



Learning Unit 5: Process and new technologies

- 5.1 The textile production stage.
- 5.2 Best Available Technologies (BAT) in the textile industry.
- 5.3 Low environmental impact processes / technologies.



Learning Unit 6: Environmental social governance

- 6.1 Environmental perspective.
- 6.2 Social perspective.
- 6.3 Certifications and Policies.
- 6.4 Barriers to circularity.



Learning Unit 7: Design for circularity

- 7.1 Circularity principles.
- 7.2 Life-cycle assessment.
- 7.3 The importance of product design.
- 7.4 Eco-design.



Learning Unit 8: New business models

- 8.1 Fast fashion vs Slow fashion.
- 8.2 Repair, resale and renting.
- 8.3 Circular business models.
- 8.4 Circular start-ups, green supply chain .



Learning Unit 9: Bringing sustainability to the consumer

- 9.1 Transparency across the complete textile chain.
- 9.2 Consumer perspective .
- 9.3 Green marketing and services .
- 9.4 Green marketing self assessment .

Com és el FACTIVE

- Learning Unit 1: Course Overview
- Learning Unit 2: Sustainability scope
- Learning Unit 3: Textile & Clothing sustainability
- Learning Unit 4: Sustainable textile materials
- Learning Unit 5: Process and new technologies
- Learning Unit 7: Design for circularity
- Learning Unit 8: New business models
- Learning Unit 9: Bringing sustainability to the consumer

The barriers to circularity

Cultural	Market	Regulatory	Technological
Company culture	High upfront investment costs	Obstructing laws and regulations	Circular design
Willingness to collaborate in the value chain	Limited funding for circular business models	Limited circular procurement	Ability to deliver high quality remanufactured products
Consumer interest and awareness	Low virgin material prices	Lacking global consensus	Lack of data
Operating in a linear system	Standardization		Too few large scale pilot projects

Subtitles (c)

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Barriers to circularity



<http://factiveproject.eu/factive-mooc-table-of-contents/>

Com és el FACTIVE

FACTIVE Massive Open Online Course (MOOC)

- El curs s'estructura en diferents unitats
- Cada unitat consisteix en:
 - Vídeo-l·liçó
 - Qüestionaris per a ajudar a l'alumnat a fer auto-avaluacions
 - Recursos i materials per a saber-ne més de cada unitat

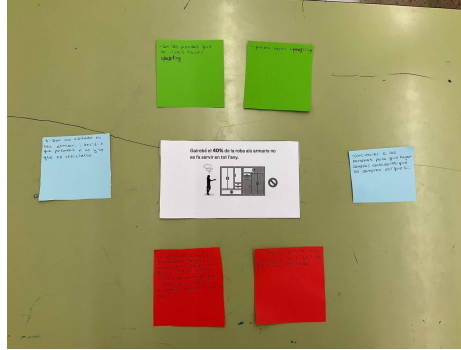


Pilotatge del FACTIVE



Global piloting implementation report

Flipped classroom training Approach for Clothing and Textile Innovative-VET Education



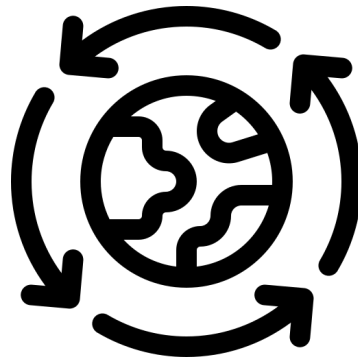
Millores del MOOC

- Canvi de plataforma del curs (UDEMY)
- Subtítols disponibles en més idiomes



I això a vosaltres com us interpel·la?

- Possibilitat d'aplicar-ho amb alumnes i treballadors
- Temari de sostenibilitat creat
- Presentació a fons d'una eina pedagògica
- Compendi de bones praxis per a les empreses
- Possibilitat de fer xarxa



PARTNERS



ERASMUS+

KA2 – Cooperation for innovation and the exchange of good practice

KA202 – Strategic Partnerships for vocational education and training

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Project duration: 01st October 2020 – 30th September 2021

www.factiveproject.eu

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