

# EU Textiles, large (SME) industry



99% SMEs

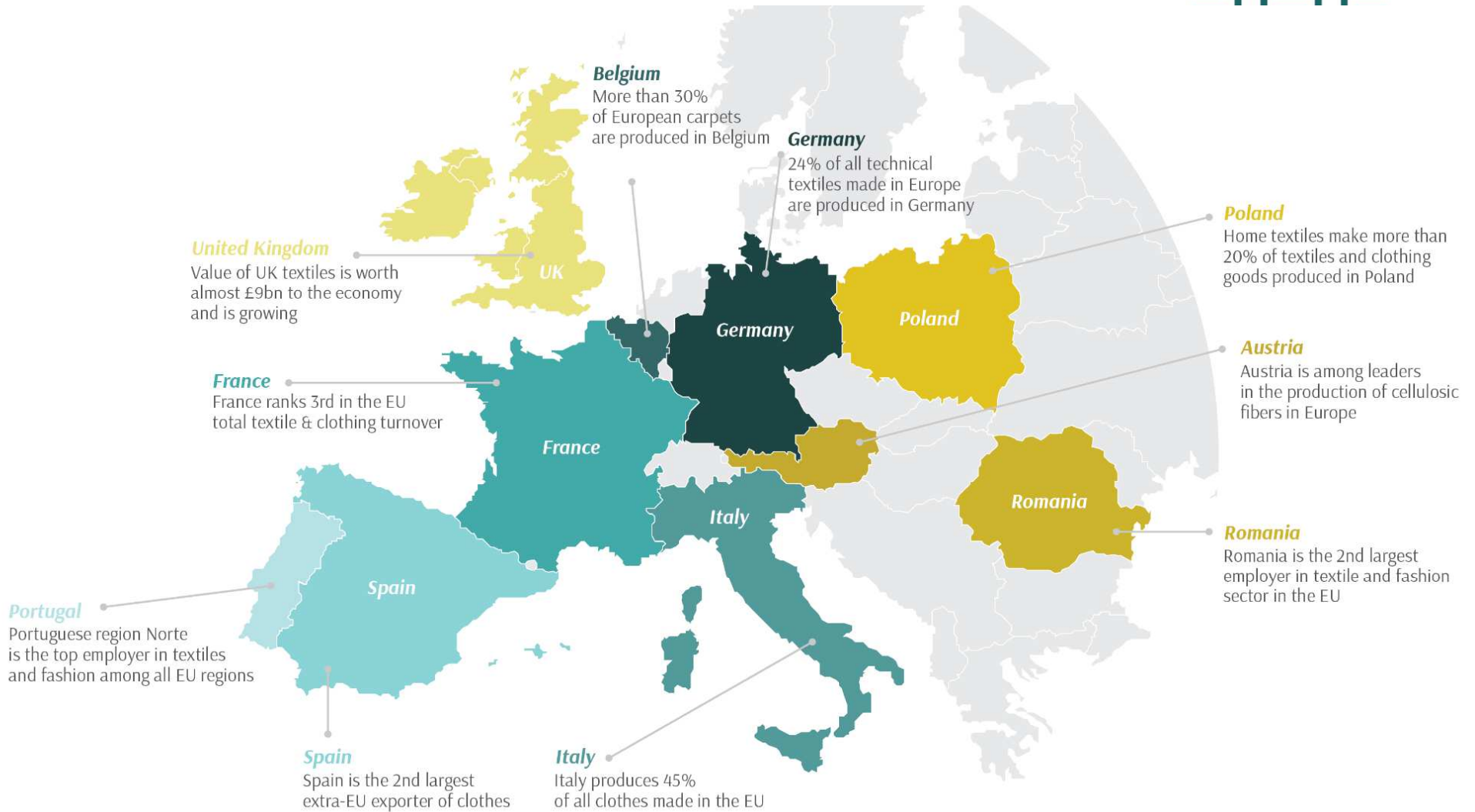
From 1 to 9 persons employed	86%
From 10 to 19 persons employed	7%

*Downstream users,  
3 degrees of separation*

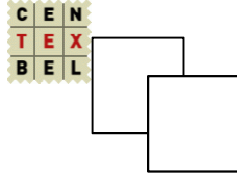


*Regulation arrives faster than solutions on the shelf*

# why networks can make sense



# on-going research



## What type of project and for what?

### Some Alternatives

- RTD center Checking alternatives
- Testing alternatives
  - o Application, fabric, build techniques, density, mixes

### More development needed

- basic Research, new technologies

EU value added: not reinventing wheel, mutual understanding

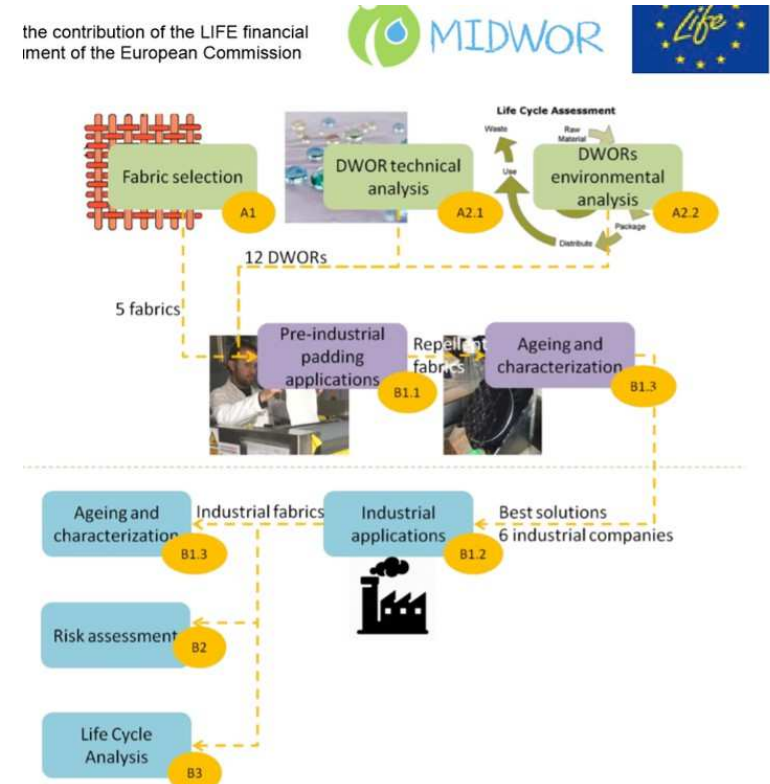
# where does an alternative work



## Different applications



## 9 steps



VOICE OF THE EUROPEAN APPAREL AND TEXTILE INDUSTRY

# how to build Capacity building ?



## Workshop how to replace PFOA Barcelona 14 March

- 20 participants
- Why do we use it and where
- Performances, Acceptance, Cost, last (Regret. Substitution)
- Limited follow up

Need a bigger picture

# workshops + networks + funds



Companies expressed interest in investigate alternatives/ substitution actions for:

- **PFOA perfluorooctanoic acid CAS 335-67-1**
- CrO3 Chromium trioxide - CAS: 1333-82-0
- FORMALDEHYDE CAS 50000, present in traces in some fixers and metal pigments
- FLUOROTELOMETER ALCOHOL (PFOcO) CAS 647472, in water repellent treatment products
- PERFLUOROOCTYL ACRYLATE (PFOcAC),CAS 17527296, in water repellent treatment products
- SODIUM CHROMATE, CAS 57693148,
- Flame retardant and aprotic solvents

Countries: Italy, Germany, others

Reserch projects on-going: Germany, Sweden, Belgium, Spain, others

Time : 2018