

# WP4 – Twinning of large sets of research projects / consortia

Jan E.G. van Dam

Food and Biobased Products (DLO)  
Wageningen UR

- **Task 4.1 – Twinning of large sets of research projects / consortia**  
(Task leader: DLO, partners: CRES, IBFC)
  
- **Task 4.2 – Exchange of information (data, material, methods, protocols, etc.)**(Task leader: UNICATT, partners: DLO, NOVA, Hempflax, Interchanvre, CRES, IBFC)

- **EU** Research projects on Fibre crops
    - **Flax / Linseed**
    - **Hemp**
    - Kenaf
    - Nettle
    - Cotton
    - Miscanthus (Elephant grass)
    - Etc.
- (see CORDIS ([www.cordis.europa.eu/projects](http://www.cordis.europa.eu/projects) )

- **China** Research projects on Fibre crops
  - Flax / Linseed 亚麻
  - Hemp 纤维麻
  - Kenaf / Jute 红麻 黄麻
  - Nettle / Ramie 荨麻 苧麻
  - Cotton 棉
  - Miscanthus / Bamboo 芒 (象草) / 竹
  - Etc.

- **EU & China** Research projects on Fibre crops
    - Textile
    - Paper and Pulp
    - Fibre reinforced composites
    - Non-wovens
    - Building materials
    - Energy / biofuel
- (see CORDIS ([www.cordis.europa.eu/projects](http://www.cordis.europa.eu/projects) )

- Breeding, genomics
- Agronomy
- Harvesting technology
- Fibre extraction / retting
- Fibre processing
- Fibre application development
  - Textiles
  - Paper
  - Fibre boards / insulation
  - Composites
- Life Cycle Assessment (environmental impact)

- To ensure scientific communities 2 twinning events will be organized:
  - One in **Europe**  
(Wageningen, month 14)
  - One in **China**  
(Changsha长沙, Hunan month 24)



- Production chains of bast fibre crops
- Competitiveness with other fibre crops and cellulose sources
- Innovation for (nano)cellulose and cellulose derivatives
- Biorefinery, by-products valorization
- Marketing and market diversification
- New fibre crops and agro-residues for cellulose application
- Environmental impact assessments
- LCA and certification
- Data base formation, ICT data management and stakeholder accessibility



- Collection of data, materials, methods and protocols used for fibre crop assessments and innovation and research
  - Cultivation practices/ processing systems / industrial practices / end user markets and technical applications
- refining of input from task 4.1
- Exchange of materials (fibres / seeds)
- Fibre quality assessment / LCA

- Public-private cooperation
- International cooperation
  - Government-to-government / knowledge to knowledge (G2G / K2K) (AgentschapNL)
  - Business matchmaking events
- Academic cooperation
  - EU framework program (open to Chinese participation)
  - National programs / student exchange

感谢您的关注

(Gǎnxiè nín de guānzhù)

**Thank you for your attention**