

Grow2Build

Supporting the flax and hemp
building chain

Chris de Visser
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Content

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Goal of Grow2Build

Supporting the value chains of flax and hemp based building materials in the North West European market

By:

- Supporting solutions to bottlenecks
- Partner matching in the NW European market
- Building on existing opportunities

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This project has received
European Regional
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North West Europe: Interreg IVb



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Partners

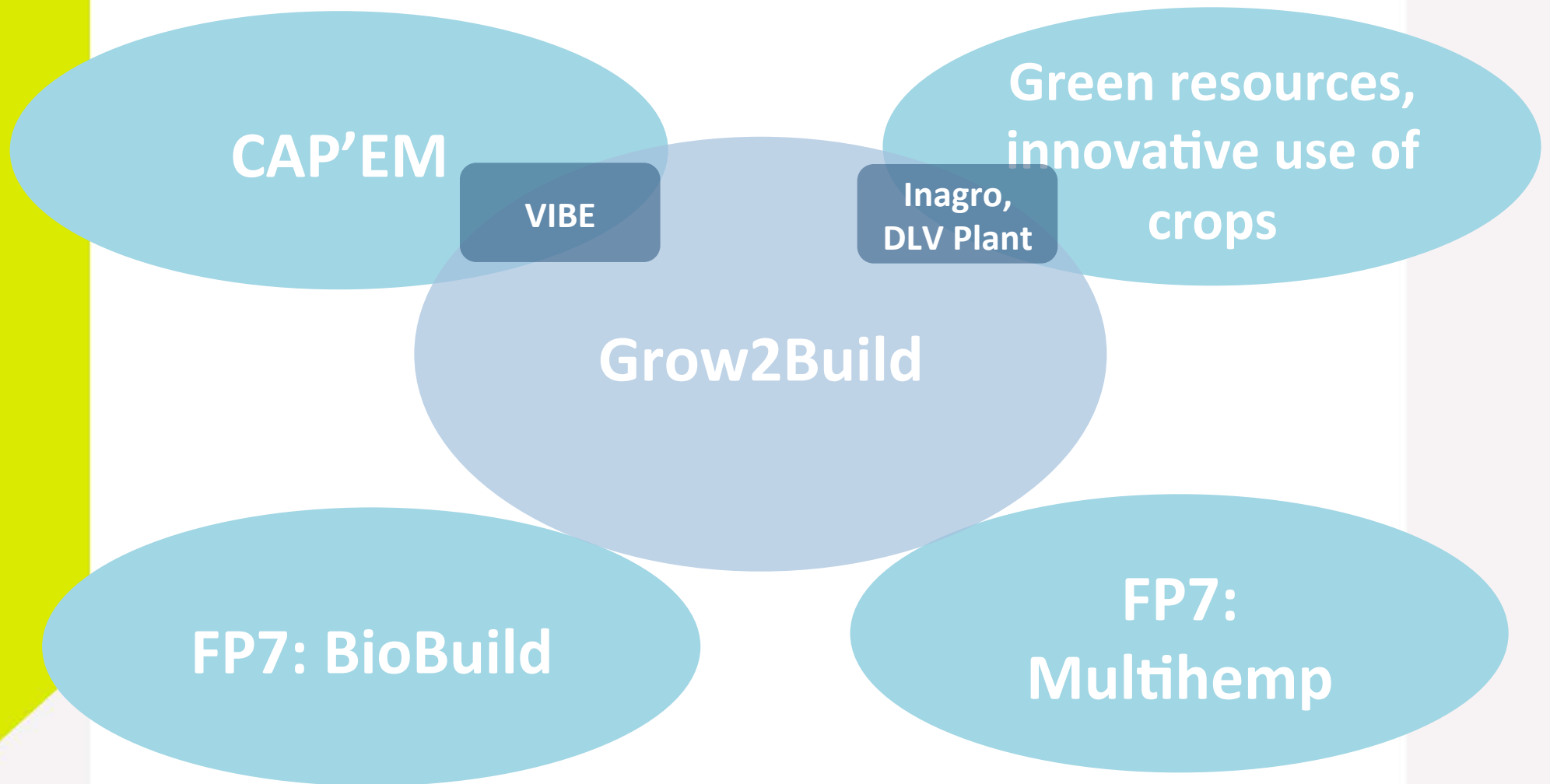
Stichting Dienst Landbouwkundig Onderzoek (DLO)	NL
Brunel University	UK
Inagro vzw	BE
ZonneWinDT	BE
MATERIA NOVA asbl	BE
CREPIM (Centre de Recherche et d'Etudes sur les Procédés d'Ignifugation des Matériaux)	FR
Institut für Textiltechnik RWTH Aachen University	DE
DLV Plant BV	NL
Quest Fibres Ltd	UK
Vlaams Instituut voor Bio-Ecologisch bouwen en wonen (VIBE vzw)	BE
CELABOR SCRL	BE
(Zuyd Hogeschool	NL

Observers

Organisation	Country
regional Walloon Government	Belgium
l'association Valbiom	Belgium
GIE Walchanvre	Belgium
l'asbl chanvre wallon	Belgium
CRA Gembloux	Belgium
CELC (Centre Europeen du lin et du chanvre)	France
KULeuven	Belgium
Nova Institut (EIHA - european international hemp and flax association)	Germany
De Wijk van Morgen	Netherlands
Stichting Agrodome	Netherlands
Hempflax	Netherlands
Nederlands Verbond Toelevering Bouw	Netherlands
Algemene Nederlandse Vlassersbond	Netherlands
FRD (Fibres Recherches Développement)	France

Share information
Advise on project
implementation

Relation with other projects



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Actions

Aiming at the value chain:

- Production of raw materials (flax and hemp)
- Processing of raw materials
- Producers of building materials
- Architects
- Project developers
- Building contractors
- Policymakers (European, National, Local)
- General public



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Actions

1. GIS database plus benchmark report: who, what, where?
2. Innovation networks: national and transnational level (visits to pilots and demo's)
3. Value chain business and co-operation framework
4. Policy note and transnational policy debate
5. Crop demo's plus fiber analyses
6. Fact sheets crop production and processing



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Actions

7. Ring tests based on different decortication lines
8. Fact sheet for optimizing the processing of raw materials
9. Online knowledge database on flax and hemp based building materials
10. LCA's (CAP'EM tools)
11. Building material pilot
12. Centre of Excellence at Brunel



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Actions

- 13. Guidebook on existing labels
- 14. Brochures on flax and hemp based building material
- 15. Mobile exposition facility directed at general public
- 16. Sustainable building scans
- 17. workshops at CAP'EM demonstration sites
- 18. Charter with local government (Flanders)



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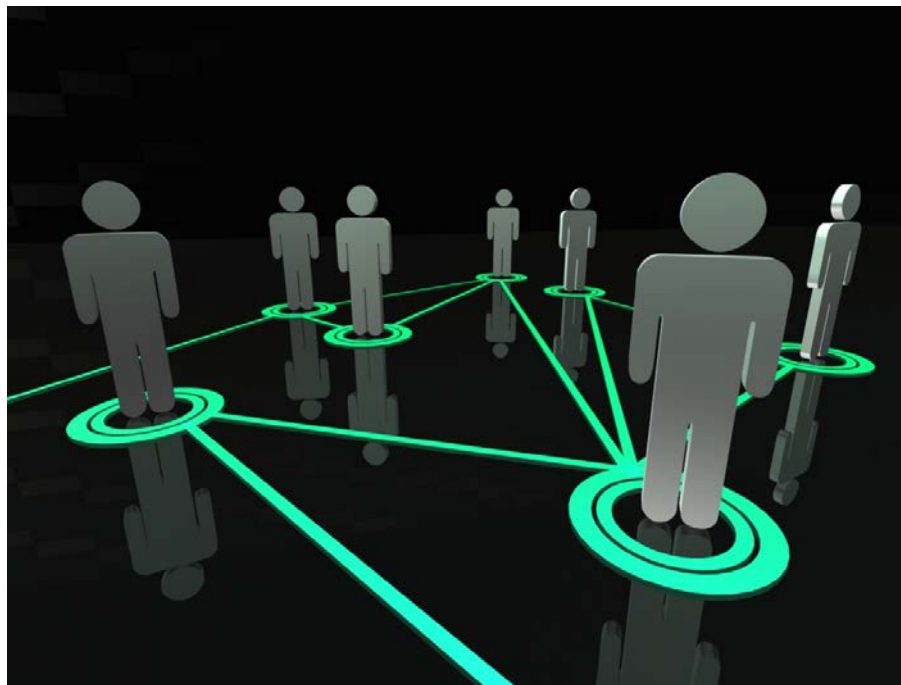
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Transnational Task Force

- Partners and observers
- Share knowledge
- Discuss opportunities and bottlenecks
- Workshops



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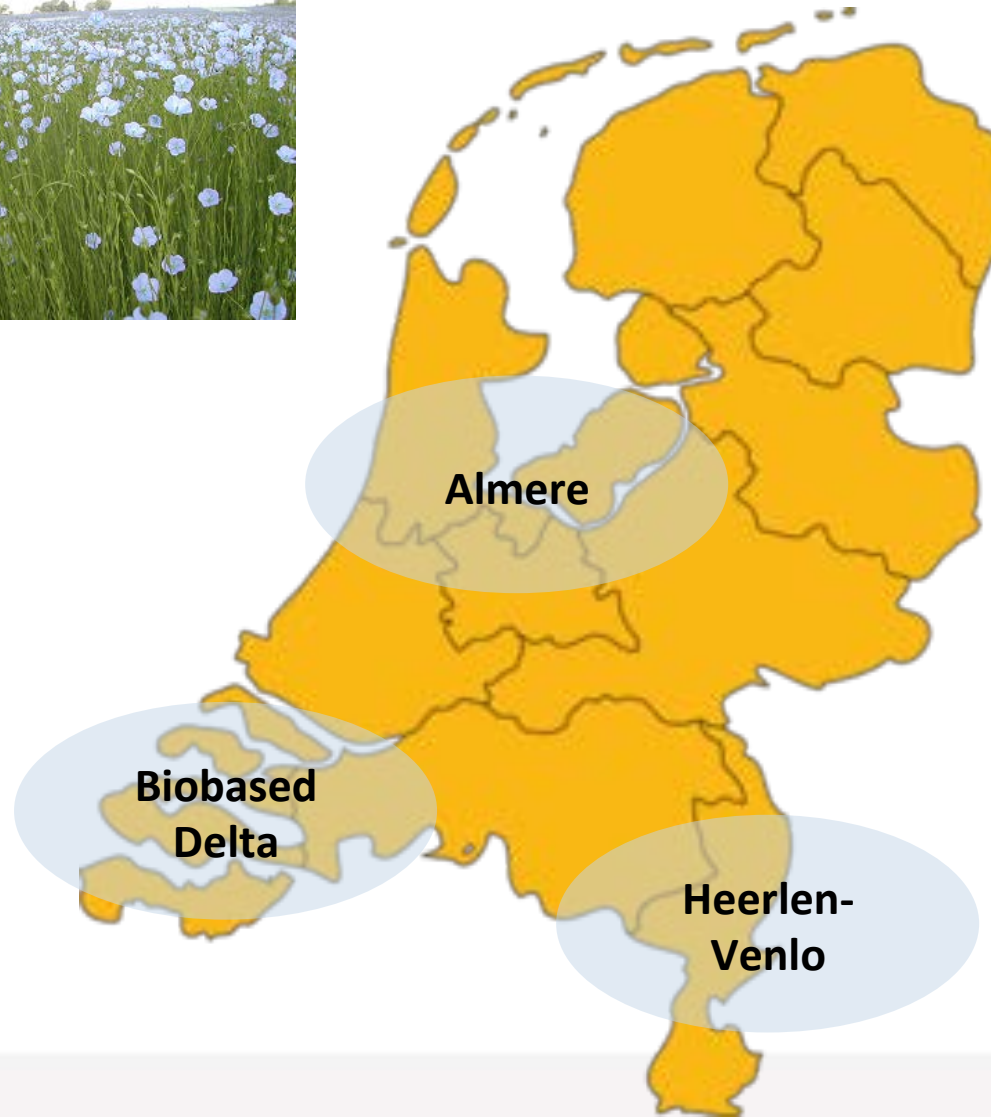
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Innovation networks in the Netherlands



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Workshop Heerlen, January 29, 2013

35 organisations present and 40 participants:

- Producers of raw material
- Producers of biobased building materials
- Consultants
- Policy makers
- Service providers
- Building contractors
- Architects and designers



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Workshop Heerlen

Five items discussed in two rounds

- Sustainability
- Technical specifications
- How to evolve from niche to mainstream?
- Supply & demand
- Value chain: is it profitable?



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Workshop Heerlen

Main issues that require attention after prioritization:

- Sustainable building conflicts with traditional building thinking and culture
- Performance in stead of specifications
- Design should account for use of biobased materials
- Make biobased more attractive to consumers

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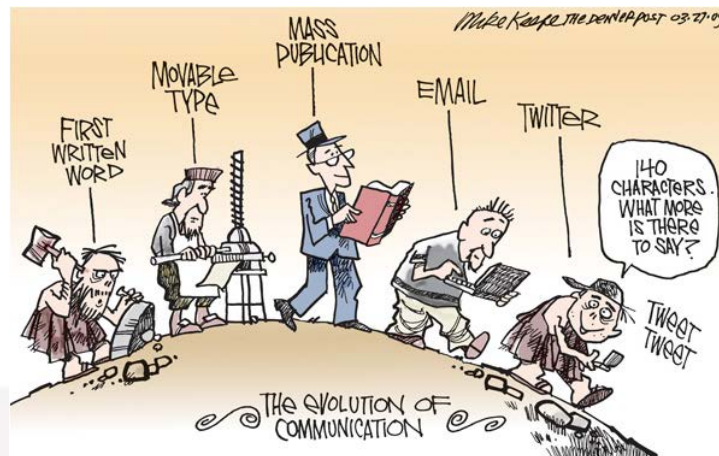
Hemp demo in the Netherlands



Communication tools

- Project flyer
- Website : www.grow2build.eu
- Brochures tailored to specific target groups
- Centre of Excellence
- Workshops, meetings
- Mobile exhibition
- Policy event
- Presence in local press

Communication



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Together seize
opportunities and
overcome
bottlenecks

From Growing to Building

Join us at our events



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