

(idea title) ... Custom structural property engineering with CNT-reinforced polymers .....

**1. Provide a short explanation of your idea here:**

Freedom of shape: form does not need to follow function  
Decoupling of engineering choices: design revolution  
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**2. Why is this a good idea? Provide 3 arguments.**

- 1. New field of design opportunities
- 2. Flexibility (emphasis)
- 3. Free strategic product design from couplings/ constraints/ risks (difficult production, property trade-offs etc)

**3. What remains to be done? And when should they be done (tomorrow/next week/next month/next year)**

Dissemination  
Methods: understand control of properties  
Tech demonstrators: show application, convince developers  
Industrialisation

**4. Are there ideas that combine well with your idea? Please mention them here.**

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**5. Whom do you need to make your project successful and what role should they fulfill (designer, researcher, company, ...)**

Whole supply chain  
uni, user, OEM, supplier, sector representatives, national contact points  
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**6. Do you support this idea? Please fill out your name and your possible role!**

Your name. Xavier Balius (training centre) ..... possible role. user  
Your name. Asier Viteri (Mandragon Uni) ..... possible role. researcher/ disseminator  
Your name. Marc vd Zande (InnosportNL) ..... possible role. driver of demonstrator  
Heshis Heinemann (TU Delft/DCMat) ..... link to fundamental mat research  
Christos Spitas (TU Delft) ..... fundamental material research,

**7. Remarks: bring'm on!!**

design methods, coordination  
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