

flux50

#SmartEnergyAcademy

#SEABE2023

ENERGIE TRANSITIE  
in Vlaanderen

*Smart Energy Academy*  
2023







Welkom & introductie Flux50

A high-angle photograph of a large orchestra performing in a concert hall. The musicians are seated on a wooden stage, and a conductor is visible on the right. The orchestra includes various instruments such as brass, woodwinds, and percussion. The background shows the curved walls and seating of the concert hall.


**Flux<sub>50</sub> orchestrates and facilitates the realisation of a smart energy region, aiming to create economical value for Flemish companies.**

# FLUX50 TEAM

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 <p><b>Bram Keymeulen</b> Business Development Manager "Intelligent Renovation" bram.keymeulen@flux50.com +32 486 51 16 82</p>	 <p><b>Guy Vekemans</b> Business Development Manager "Energy Harbors" guy.vekemans@flux50.com +32 473 96 94 00</p>
 <p><b>Lauranne Helsmoortel</b> Project Administration Manager Lauranne.helsmoortel@flux50.com</p>	 <p><b>Joni Rossi</b> Business Development Manager joni.rossi@flux50.com +32477404206</p>

**Versnellen**

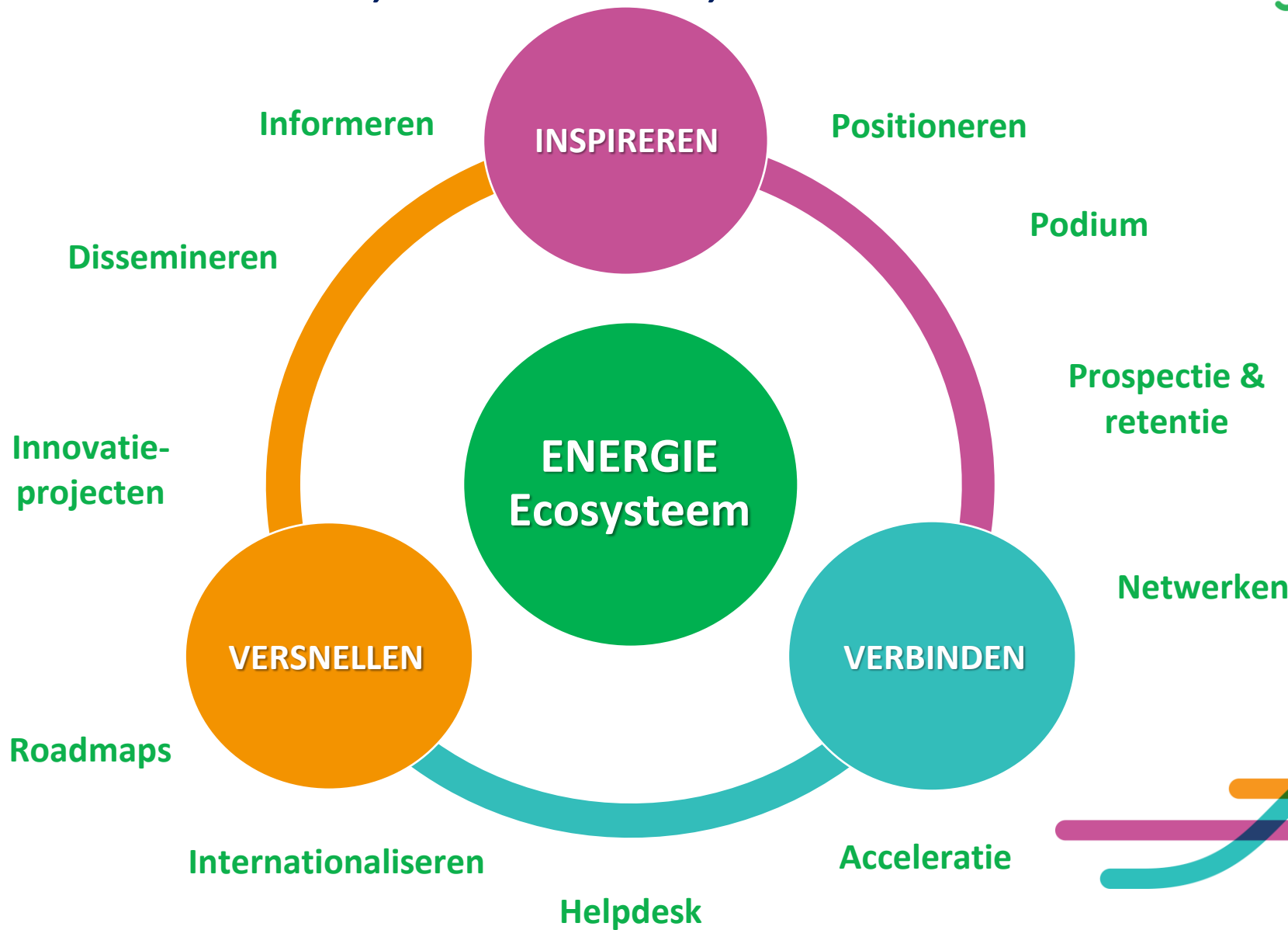
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**Verbinden**

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**Inspireren**

# INSPIREREN, VERBINDEN, VERSNELLEN



# INSPIREREN, VERBINDEN, VERSNELLEN

> 225 leden

101 Vlaamse  
projecten

4  
focusgroepen



> 5151  
volgers



> 128M€  
investeringen

5 proeftuinen

> 54 events

> 90 m€  
subsidies

11 Europese  
projecten

# 5 innovator zones – 5 business developers

## Micro-grids



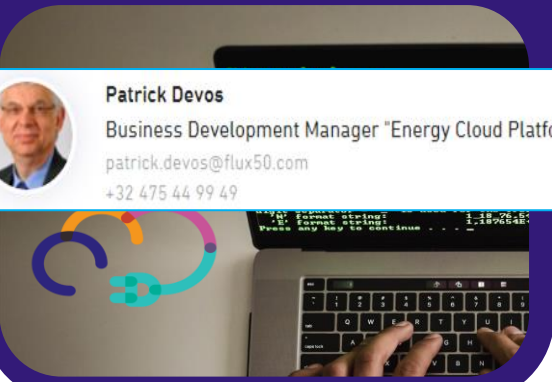
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## Multi-energie in wijken



**Joni Rossi**  
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## Energy Cloud Platforms



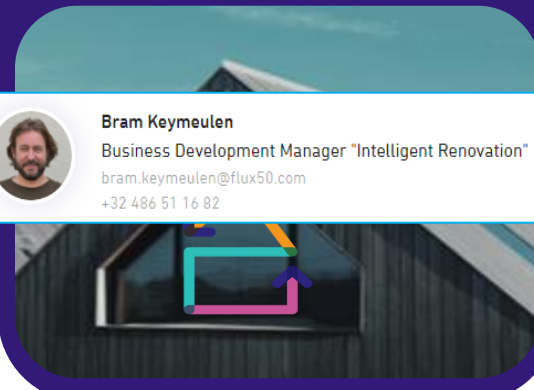
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## Energy Harbors



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## Intelligent Renovation



**Bram Keymeulen**  
 Business Development Manager "Intelligent Renovation"  
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# Member Benefits

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## Lidmaatschap = Investeren in de toekomst

- Aan het stuur van de energietransitie
- Kennisdeling over de nieuwste technologieën
- Cross-sectoraal netwerk van bedrijven, kennisinstellingen en publieke sector
- Internationaal netwerk & ondersteuning
- Ondersteuning bij projectindiening
- Innovatieve projecten & technologieën
- Toegang tot proeftuinen

<https://www.flux50.com/about/members>

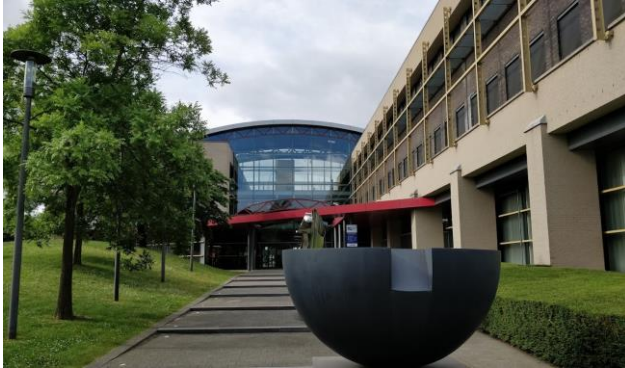




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# SMART ENERGY ACADEMY 2023

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## Dag 1: Kortrijk - Fluvius

- Energie transitie?!



## Dag 3: Gent - IDLab

- Gebouwen en energie



## Dag 2: Huizingen - Siemens

- Duurzame warmte
- Bevoorradingzekerheid



# SMART ENERGY ACADEMY 2023 DAG 2

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## Duurzame thermische energie & Security of Supply/GEO

- 9u15 Welkom @ Siemens – Geert De Coninck (Siemens)
- 9u45 Intro Waardeketens & toelichting 'Duurzame Thermische Energie' – Guy Vekemans (Flux50)
- 10u00 Industriële warmtepompen, toekomstmuziek of nu al relevant? – Steven Lecompte (UGent)
- 10u20 Duurzame warmte in industrie, technologische mogelijkheden – Margot Gutscoven (Atlas Copco)
- 10u40 *Benen strekken en hydrateren*
- 11u10 Industriële warmtepompen, use cases – Wim Van Den Mosselaer (Siemens Energy)
- 11u30 Verduurzaming warmte in industrie: voeding – Dominique Hamerlinck (Alpro)
- 11u50 Hoge temperatuur thermische opslag, moet er nog zout/zand? – Jan Diriken (Energyville/VITO)

### 12u15 - 13u45 *Netwerk lunch en bezoek Concept Center 4 Industries*

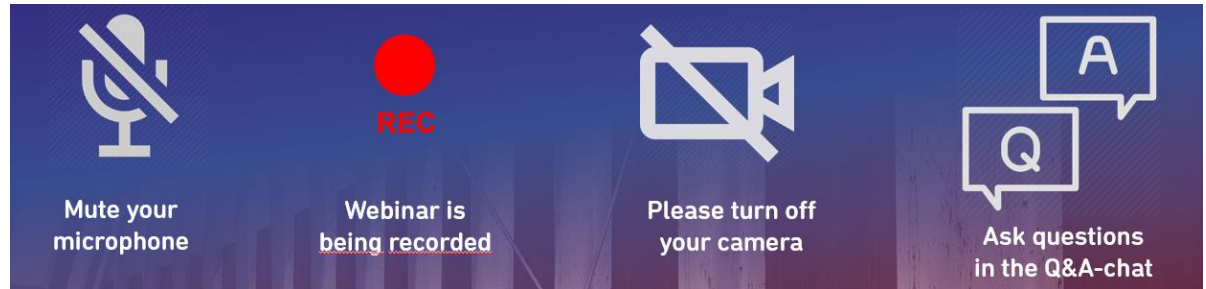
- 13u50 Toelichting Security of Supply / Grootschalige Energie Opslag – Guy Vekemans (Flux50)
- 14u10 Integratie meshed grid / HVDC uitdagingen offshore – Dirk Van Hertem (KULeuven)
- 14u35 Cordoba project: conclusies & voortuitblik – Stijn Hendrix (Energysynt)
- 15u00 *Korte onderbreking*
- 15u30 Belgium as hydrogen import and transit hub – Laurent Remy (Fluxys)
- 15u55 Circulaire grote stationaire batterij opslag – Peter Pauwels (Zenobe)
- 16u20 Conclusie en vragen Security of Supply – Guy Vekemans (Flux50)
- 16u30 *Einde dag 2*



# SMART ENERGY ACADEMY 2023

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## Webinar / online



## Real life



#SEA2023 #SmartEnergyAcademy



eventueel op einde van elke spreker



Jullie op tijd terug na pauze = op tijd afronden

## FAQ

- Presentaties worden gedeeld achteraf via mail
- Aanwezigheidslijst vandaag via QR-code



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VLAIO flux50

samen voor #sterkgroeien