

Build Up Skills Belgium

Elaboration of the BUILD UP
Skills national roadmaps:
the experience of Belgium



Objective

- 🔄 to increase the number of qualified (blue collar) workers in Belgium to deliver renovations offering a high energy performance as well as new, nearly zero-energy buildings
- 🔄 Focus on:
 - Blue collar workers
 - Energy Efficiency and Renewable Energy



Three stages

- ② National Status Quo
- ② Set up of the platform of stakeholders
- ② Development of the Roadmap

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Prologue: the consortium

fvb-ffc Constructiv

Foundation for vocational training in the construction industry



WTCB-CSTC-BBRI

Belgian Building Research Institute



VEA

Flemish Energy Agency



SPW DGO4

Walloon Energy Agency



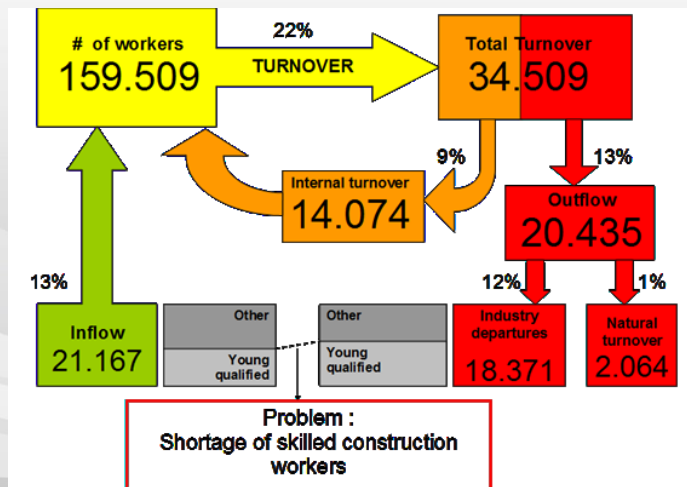
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Prologue: Consortium

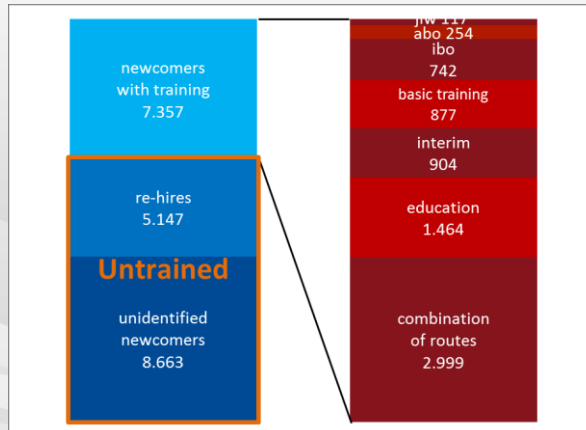
Strengths

- Organised on a national level
- Paritarian organisation
- Existing covenants with training centres
- Public administration is present
- Technical expertise

The National Status Quo



The National Status Quo



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The National Status Quo

Barriers

- a shortage of qualified workers (irrespective of training);
- a shortage of trained workers;
- high-quality execution of contracts does not offer any economic added value;
- existing training courses are too theoretical;
- technical progress is not being followed up on soon enough;
- the way in which work is organised does not allow workers to be sent for training;

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Set up of the platform: Stakeholders

- ☉ Social partners:
 - Trade unions
 - Employers' organisations
- ☉ Training centres:
 - Public training centres
- ☉ Manufacturers of construction materials
- ☉ EE and RES organisations
- ☉ ...

The platform



Development of the Roadmap

Workshops on 9 themes

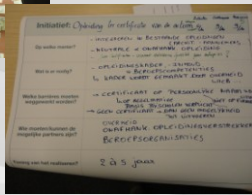
- Post construction wall insulation
- Ventilation
- Replacement of windows
- Heatpumps
- Solar thermal and PV
- Solar screening
- Roofing
- Interaction between professions
- Airtightness

Development of the Roadmap

First workshop: each workshop addresses 8 topics and generates actions or initiatives

- Technical evolutions
- Quality
- Actors
- Inflow of personnel
- Training supply
- Guiding measures
- Best practices
- Endorsement

Development of the Roadmap



Development of the Roadmap

- 🕒 Initiatives or actions are made concrete in a second workshop according to the following guidelines:
 - 🕒 How can this action be implemented?
 - 🕒 What do we need?
 - 🕒 What barriers do we need to remove?
 - 🕒 Who might be the partners?
 - 🕒 What is the timing for the proposed action?



Roadmap content for RES: Heat Pumps, Solar thermal and PV

Quality

- Quality label
- Checklist
- Certification
- Link between “grants” and quality
- Uniformity across regions

Strengthening collaboration

- Interaction between industry, contractors & training centers

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Roadmap content for RES: Heat Pumps, Solar thermal and PV

Training and education

- Practical, flexible and short training modules
- Training modules per craft and per level
- Set up of a qualification on renewable energy

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In summary

- 🕒 Content of roadmap
 - ⇒ guiding measures: increase demand for quality

 - ⇒ Involvement of public authorities in the project
 - ⇒ Belgian Certification Process RES will be harmonised across the three regions

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Questions

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