

**Promoting Green Employment :  
a Major and Indispensable Driver behind  
a Successful Transition towards  
a Competitive Low carbon and Green  
Economy**

**The Forem and the *Centre de compétence  
Environnement***



**Ministerial Conference  
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# Context information

## Marshall Plan 1 (2005) :

- The *Plan wallon Air-Climat* (2007) : 105 measures to address climate change – 4 measures concerning VET

## Marshall Plan '2.Vert' (12/2009) : 3 priorities :

1. Creating activities and jobs
  2. Training and education
  3. Meeting the energy challenge
- The *Alliances Emploi-Environnement* (1st alliance : sustainable building)
  - The *GreenWin centre for competitiveness* (environmental technologies, green chemistry, sustainable building, reusing of waste)

# Context information

## Network of certified *centres de compétence*

25 centres covering the whole regional territory (cf. map), high technology tools dedicated to knowledge, know how and innovation

### Characteristics :

- Facilitating access and partnership
- Supporting the economical development of the Region
- Broadening the scope of vocational training
- Benefiting to all

### Missions :

- Production
- Partnerships
- Development (Labour market monitoring)

## Péronnes-lez-Binche

### design innovation

- **Design Innovation**  
Adresse provisoire :  
Rue Warmonceau 318,  
B-6000 Charleroi

## Ath

- **Forem Formation Secteurs verts**  
Les Silos de la Dendre,  
rue de la Station 47,  
B-7800 Ath

## La Louvière

- **Forem Formation Logistique - La Louvière**  
Bd de l'Yser 260,  
Zoning de Garocentre,  
B-7110 Houdeng-Goegnies

## Seneffe

- **CEFOCHIM**  
Zoning de Seneffe,  
Zone C,  
B-7180 Seneffe

## Huy

- **Epicur's**  
Parc d'activités  
économique, rue de  
Waremmé 101,  
B-4530 Villers-le-Boufflet

## Strepv

- **Technofutur Industrie - Métal**  
Quai du Pont Canal 5,  
B-7110 Strépy-Bracquegnies
- **Forem Formation PIGMENTS**  
Quai du Pont Canal 5,  
B-7110 Strépy-Bracquegnies

## Mons

- **TechnoITé**  
Château Degorge,  
Rue Henri Degorge 23,  
B-7301 Hornu (Mons)
- **Forem Formation Environnement**  
Rue Pierre et Marie Curie,  
Parc Initialis,  
B-7000 Mons

## Ciney

- **Techno.bel**  
Allée des Artisans - Lot 48  
B-5590 Ciney - Zi Biron

## Marche

- **Forem Formation Tourisme**  
Parc d'activités du Wex  
Rue de la Plaine 1,  
B-6900 Marche-en-Famenne

## Libramont

- **Forem Formation Wallonie Bois**  
Zoning Industriel  
de Flohmont  
Rue Fonteny Maroy 23,  
B-6800 Libramont

## Liège

- **AutoFORM**  
Rue Saint Nicolas 68, B-4000 Liège
- **ConstruForm - Liège**  
Rue de Wallonie 21, B-4460 Grâce-Hollogne
- **Forem Formation Logistique - Liège**  
Rue Jean de Selys Longchamps 2, B-4460 Grâce-Hollogne
- **Technifutur**  
Rue Bois Saint-Jean 15-17, Liège Science Park, B-4102 Seraing

## Verviers

- **Forem Formation Polygone de l'Eau**  
Rue de Limbourg 41B, B-4800 Verviers
- **Forem Formation FormAlim**  
Rue de Limbourg 41B, B-4800 Verviers

## Spa - Francorchamps

- **Campus Automobile**  
Route du Circuit 60, B-4970 Francorchamps

## Charleroi

- **CEFOVERRE**  
Première rue 5, B-6040 Jumet
- **ConstruForm - Hainaut**  
Rue du 11 Novembre 83, B-6200 Châtelaineau
- **WAN**  
Chaussée de Fleurus 179, B-6041 Gosselies
- **Forem Formation Cepegra**  
Avenue Georges Lemaitre 22, B-6041 Gosselies
- **Technofutur Industrie - Mécanique et Matériaux**  
Avenue Georges Lemaitre 15, B-6041 Gosselies
- **Technofutur Industrie - Maintenance**  
Avenue Georges Lemaitre 15, B-6041 Gosselies
- **Forem Formation Management et Commerce**  
Avenue des Alliés 14-18, B-6000 Charleroi
- **Technofutur T.I.C.**  
Avenue Jean Marmoz 18, B-6041 Gosselies

# The *Centre de compétence* *Forem Formation Environnement*



## 1. Some dates :

- Project endorsed by the Walloon Government fall 2002
- Training activities within the project framework from 2002 on
- Official opening december 2005

## ... some figures :

- 425 job seekers, 699 workers, 146 teachers et 217 students trained in en 2009, total of training hours 70107 (not including decentralized training sessions)
- ESF eligible target group : 3123 job seekers from 2002 to 2009



## 2. European Structural Funds support :

- **ESF 2000 – 2006 programme** : measure 5.2.2 (Objective 1), measure 1.3 (Objective 3) : life-long training
- **ESF 2007 – 2013 programme**: *Qualiformide* project, measure 2.2 (Convergence et Competitiveness) : vocational education ; *Confluence Construction* Project, measure 1.1 (Convergence) : training and coaching upon request by companies and sectors
- **ERDF** : building and didactic equipments

### 3. Areas of activity

- **Environmental management** : EMS, audit...
- **Waste management** : house waste, construction waste, industrial waste, garage waste, hospital waste; soil sanitation, dredging spoil treatment, analysis and treatment of industrial gases and fumes...
- **Energy management** : Energy efficiency / RUE (heating and cooling techniques, energy management...), alternative and renewable energy (photovoltaics, wind energy, heat pumps, combined heat and power / CHP, biomass energy...), management of electromagnetic pollution...
- **Quality management, QSE**



## 4. Partnerships (1)

### Structural partnerships : the steering committee

- Building sector (CCW, FFC), Technology industry (IFMHN / Agoria), Chemical industry (Essenscia)
- *Eco-construction* (green building) cluster
- *Union Wallonne des Entreprises* (walloon companies)
- Social partners
- Universities : ULg, FPMs
- *DG Agriculture, Ressources naturelles et Environnement* (DGO3)
- *DG Aménagement du Territoire, Logement, Patrimoine et Energie* (DGO4)

## 4. Partnerships (2)

### Operational partnerships (examples) :

- *Qualiformide* project (ESF) : *centres de compétence* + CERES (Liège University)
- *Confluence Construction* project (ESF) : Forem Formation, IFAPME, building sector (CCW, CSTC, CIFFUL, *Cluster Eco-Construction*)
- *Distance Zéro* project (Interreg) : Greta, Lycée François Bazin (France), Haute Ecole de Louvain en Hainaut
- Sustainable energy management (ULB, FPMs)
- Biomass energy project (ValBiom asbl)
- Clusters : TWÉED, CAP 2020
- *Research centres* (ESF) : CTP, CSTC, ValBiom etc.
- *Pôles de compétitivité* / Centres for competitiveness
- *Eco-Kids* project: Ose la Science (*Plan wallon Air-Climat*)

## 5. Product and service positioning

Environmental management is transversal

→ advanced, specialized training

→ end of traditional vocational training paths

Mostly short training units

Ready-to-wear & made to measure (companies, schools / colleges)

Skills vs jobs (cf. [Skills for Green Jobs, European Synthesis Report, Cedefop, 2010](#))

Labour market monitoring – development / vocational engineering - diffusion

# Labour market monitoring and needs analysis

## 1. Systematized monitoring at the level of the network of the *centres de compétence*

### Objectives :

- Analysing and anticipating needs in skills and manpower induced by technological, regulatory, economic evolutions and changes
- Adapting training offer and products

## 2. Study of 'ecosystems' conducted by the Forem in various activity sectors

### Objective :

- better understanding of market actors, training needs, dynamics in activity sectors in Wallonia → prospective view (through qualitative interviews and quantitative surveys)

# Labour market monitoring and needs analysis

3. 'Job Focus' is the name of an integrated plan to fight shortfalls in manpower

## Objectives :

- Identify difficulties in recruiting staff for specific jobs (one trade per month)
- Set up specific action plans in order to concretely meet the identified needs
- Better connect job seekers with those jobs

# Other tools to promote green jobs

- The « *essais-métiers* » plan to give young job seekers the opportunity to try out different trades and focussing a.o. on green jobs
- The « *éco-climat* » training vouchers
- Information about and promotion of green jobs at the *Carrefours Emploi Formation* (CEFo)
- The *ReCAF* (*Reconnaissance des Compétences Acquises en Formation* – skills assessment), e.g. energy adviser – in connection with EQF)

# Other tools to promote green jobs

- The QSE unit (2009)

## Objectives :

- Introduce the environmental (and sustainable development) dimension in all training programmes
- Promote improvements in its building stock management (energy and waste management)

Support provided by the *Centre de compétence Environnement* :  
training of trainers on environmental management, expertise in energy management

# Thank you for your attention



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