



# **BUS CROSKILLS II**

nearly finalised project presentations

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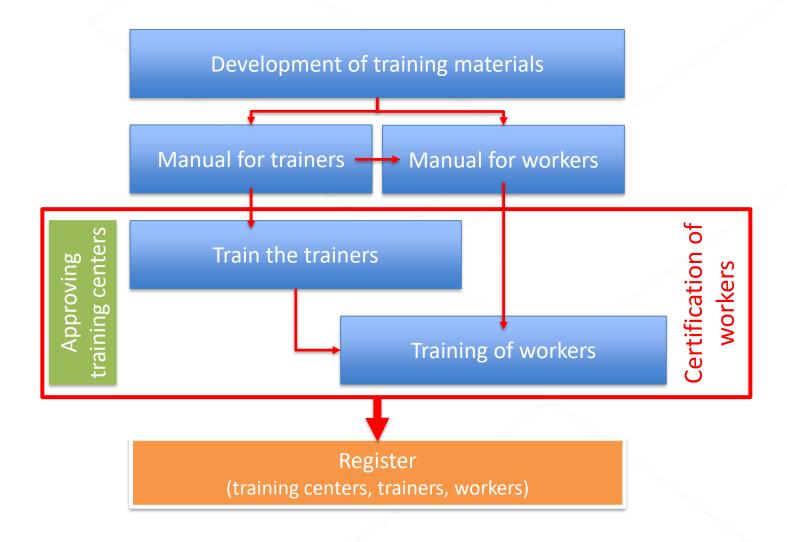






# Training structure





















# Training materials





#### **Manual for trainers**

- 7 different manuals
- 6 manuals with specific topics for workers
- 1 manual with common topics

#### **Manual for workers**

6 different manuals



















## 12 training centers throughout Croatia



- Call for interest
  - 20 institutions applied
  - In total 138 potential trainers

- 12 training centers were filtered out
  - 108 trainers



















# Train the trainers programme

# **\$**

#### 1 & 2 days training

- 10 trainings in total
- Deliver the CROSKILLS programme to 108 trainers

#### • Aim:

Address the knowledge gap that exists with the current trainers

#### Presented:

- Course material
- Case studies from building sector
- Group discussions
- Opportunity to observe practical applications of theory









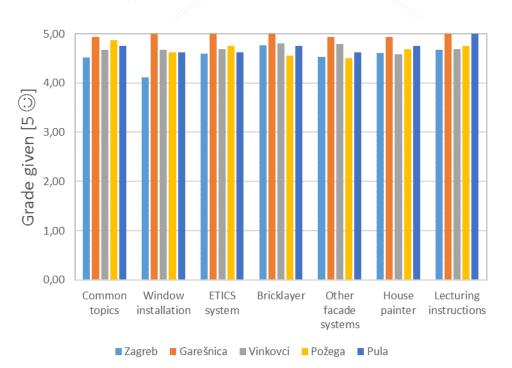


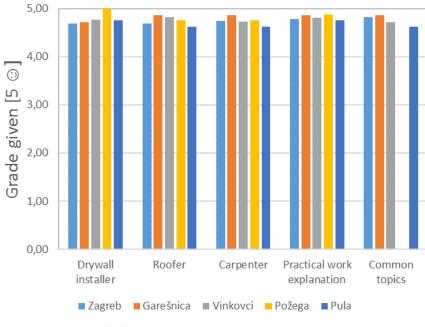


#### Train the trainers evaluation



























# The training of workers







**Theory** 

- In the training facilities and/or

**Video demonstrations** 

- Construction site

**Continuous Control &** assessment

**Group discussions** 



















### Training of workers – Croskills programme



#### **Balanced Classroom and Demonstration** Workshop

- Training duration:
  - 20 hours (8+12)
  - 25 hours (12+13)
  - 30 hours (15+15)

Range of delivery methods To suit best to workers as well as training centers

- Discussions, debates, interaction, technical and animated videos
- Demonstration models, hands on activities, and review of materials and products

#### Consortium:

— Control of the training!









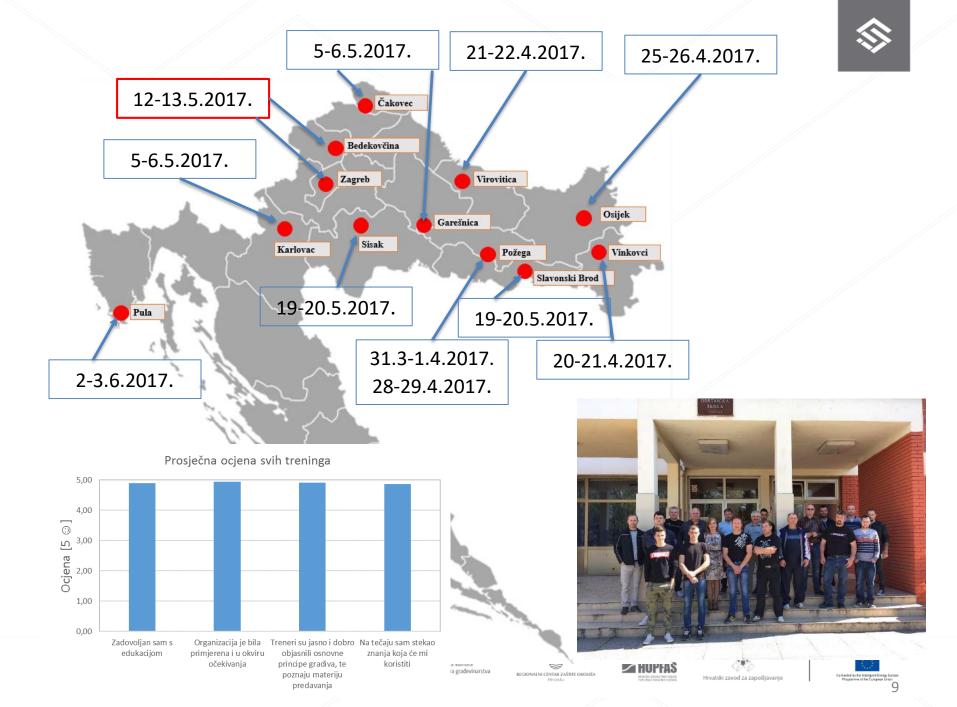












### Marketing and outreach strategy



- National Platform
  - 60 institutional members
  - 3 meetings
- Craft Sector, information via
  - Circular letters to companies
  - Press (work in progress...)
  - Internet:
    - www.croskills.hr
    - Partner Website, training institution website
    - Video Statement (work in progress...)













### Communications campaign

**\$** 

- Implemented on multiple levels
  - Workers (employed & unemployed)
  - Employers (construction companies)
  - Investors
  - Site and supervising engineers
  - Vocational schools
  - General public
- engaging with >10,000 people
- Road show





















## Marketing and outreach strategy



Brochures & newsletters for workers and employers





Osigurana besplatna edukacija 1200 građevinskih radnika za energetski učinkovitu gradnju (EnU) u sklopu projekta CROSKILLS II

Pozivamo tvrtke koje se bave izgradnjom zgrada u okviru energetske učinkovitosti da svoje radnike uključe u izobrazbu za ovu vrstu gradnje kako bi sukladno propisima mogli konkurirati na natječajima za izvođenje radova na području energetske učinkovitosti u zgradarstvu.

Nediunaradna, ali i irviatalia regulativa u područja agradarstva određuje ove stroke interirje u pogledu energetske uselinavitedi i energetske postjeva agrada, Gradnja agrada getovo nulte energije, isao i energetskia obnova poetojedih zgrada vrlo je komplekan proces koji zahtjava prompinu dosadanjeg nadina ramitiljanja i lavodenja građevinskih radova. Najved u tijecaj na kvalitetu zgrade u smletu energetske udinostviteti ma ovojnica zgrada, i te ne zamo vrete upotrijelojenih materijala već i

Koja građevinska zanimanja?

Izobrazba se provodi za 6 prioritetnih građevinskih zanimanja:



Počinje besplatna izobrazba o energetski učinkovitoj

Sve je rome nčenka u godileljšom šludena, godievinski radnici odlaze v Livabše radovi se loše lavode, a gotovo 800 zgrada čeka planovu. Usavršavanje postojeće

Inčini 25 adasa, 5 Nasadora, 6 Nasana, 61 mosfor sumo gradnje, 91 subost kartičilac



Projekt CROSKILLS se nastavlja:

Prvi obrazovni programi u Hrvatskoj u području energetske učinkovitosti namijenjeni građevinskim radnicima



monter suhe gradnje. Nakon razrade

specijalizacijom radne snage, te lacionalne smjernice za kontinuira-

stavno pristupiti razradi obrazovnih

Kako je ovo prva i do sada jedina ini-cijativa u Hrvatskoj kojom će se su-

Newspaper articles



















## Marketing and outreach strategy



- Presented at over 15 professional conferences and industry events
  - with a combined attendance of over 3000 people.



















#### Refurbishment – workers?





#### Europski strukturni i investicijski fondovi

ZA ENERGETSKU OBNOVU ZGRADA JAVNIH USTANOVA KOJE OBAVLJAJU DJELATNOST ODGOJA I OBRAZOVANJA ZAPRIMLJEN JE 231 PROJEKT



22. veljače 2017. - Poziv za dostavu projektnih prijedloga 'Energetska obnova zgrada u javnim ustanovama koje obavljaju djelatnost odgoja i obrazovanja' službeno je zatvoren 21. veljače 2017. godine. Fond za zaštitu okoliša i eneraetsku učinkovitost, svoistvu Posredničkog tijela razine 2 (PT2), zaprimio je ukupno 231 projekt čija ukupna vrijednost investicija iznosi oko 800 milijuna kuna, a

traženi iznos bespovratnih sredstava oko 402 milijuna kuna.

Najveći broj zaprimljenih projekata dolazi iz Primorsko-goranske županije (29), zatim Osječko-baranjske županije (25), Grada Zagreba (17) i Vukovarskosrijemske županije (16). Više...













#### Odobreno 616 projekata za energetsku obnovu zgrada











07. 02. 2017. prije 2 tjedna

















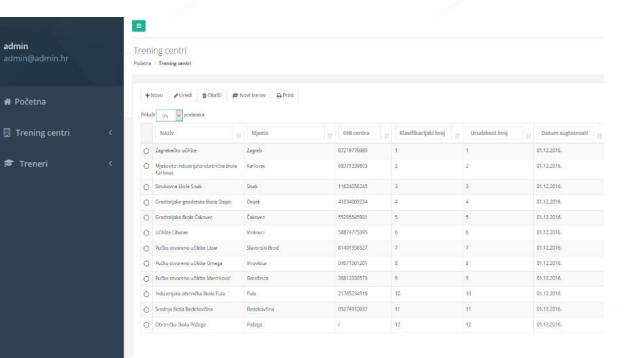
### Register

**\$** 

- Online register
  - Register of training centres
  - Register of trainers
  - Register of certified workers

Will become official register of the Ministry of construction and

physical planning



Register

your skills here!



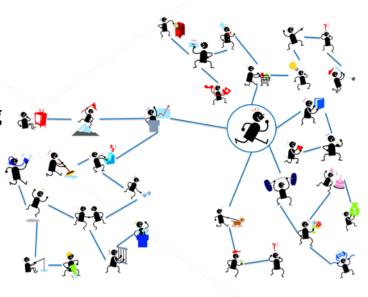
**ENERGETSKA UČINKOVITOST** 

### Why Register



- a means of generating new business leads
  - Registered members can use the annual CROSKILLS logo in their promotional material
- creates a direct link between training and employment opportunities
  - A platform for all construction workers to join the Register and display their training and skills.
  - Search the Register for construction workers who are trained in quality low energy building
- "control" tool for investors and supervising engineers





















# The most remarkable project outcomes / results and achievements



National qualifications platform



- Engagement of different stakeholders
  - Governmental institutions
  - Non-governmental organisations
  - Industry
  - Professional associations & associations of citizens
  - Media



















# Support to Croskills programme by major organisations



Ministries	Governmental institutions	Local government	Associations	Vocational schools
<ul> <li>Ministry of         Construction and         Physical Planning</li> <li>Ministry of Economy</li> <li>Ministry of         Entrepreneurship and         Crafts</li> <li>Ministry of         Environmental and         Nature Protection</li> <li>Ministry of Labour and         Pension System</li> <li>Ministry of Science,         Education and Sport</li> </ul>	<ul> <li>Agency for Vocational Education and Adult Learning</li> <li>Croatian Employment Service</li> <li>Environmental Protection and Energy Efficiency Fund</li> </ul>	<ul> <li>City of Zagreb – Office for energy, environment and sustainable development</li> <li>City of Koprivnica</li> </ul>	<ul> <li>Croatian Chamber of Commerce</li> <li>Croatian Employers Association</li> <li>Croatian Association of Court Expert Witnesses</li> <li>Croatian Chamber of Construction Engineers</li> <li>Croatian Green Building Council</li> <li>Building Managers Association</li> <li>Coordination of Tenants' Associations of the Republic of Croatia</li> <li>Croatian Association for</li> </ul>	<ul> <li>Construction and technical school Rijeka</li> <li>Vocational School Vice Vlatković, Zadar</li> </ul>
	rall positive er unding the CRO	0,	<ul> <li>Infrared Thermography</li> <li>Croatian Association of Thermal Insulation Façade Systems Manufacturers</li> <li>Croatian Roofers Association</li> </ul>	
Surrot	inding the CKC	JSKILLS		

Other organisations interested in training...

















#### Achievement - Regulation - public discussion



Propisi - informacija

NACRT PRAVILNIKA O SUSTAVU IZOBRAZBE I CERTIFICIRANJA GRAĐEVINSKIH RADNIKA KOJI UGRAĐUJU DIJELOVE ZGRADE KOJI UTJEČU NA ENERGETSKU UČINKOVITOST U ZGRADARSTVU NA JAVNOM SAVJETOVANJU



20. veljače 2017. - Ministarstvo graditeljstva i prostornoga uređenja izradilo je 'Nacrt Pravilnika o sustavu izobrazbe i certificiranja građevinskih radnika koji ugrađuju dijelove zgrade koji utječu na energetsku učinkovitost u zgradarstvu' koji se nalazi na javnom savjetovanju.

# CROSKILLS certification scheme incorporated in this regulations!

Zainteresirana i stručna javnost svoje prijedloge, primjedbe i mišljenja na Nacrt Pravilnika može uz prethodnu registraciju dostaviti putem portala e-savjetovanje najkasnije do 22. ožujka 2017. godine. Ovim putem skrećemo pozornost da je 'Prilog 2 - Izgled i sadržaj Certifikata' moguće vidjeti u rubrici Ostali dokumenti.





















#### NAZIV NOSITELJA PROGRAMA IZOBRAZBE

Adresa sjedišta

#### **CERTIFIKAT**

ZA RADOVE NA UGRADNJI DIJELOVA ZGRADE KOJI UTJEČU NA ENERGETSKU UČINKOVITOST U ZGRADARSTVU

kojim se potvrđuje da je

OIB	ZA	NIMANJE
	građevinskih radnika koji ugra	nikom o sustavu izobrazbe i certificiranja iđuju dijelove zgrade koji utječu na vitost u zgradarstvu NN
	Reg. br	
	Vrijedi do	
	Naziv izobrazbe	
	Trajanje izobrazbe i datum	
Mjesto	o i datum izdavanja	Odgovorna osob











Ime i prezime



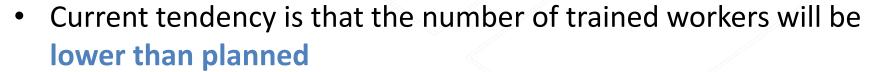




### Challenges



- More training centers than planned
  - 12 vs 10 planned
- Less trainers than planned
  - 108 vs 200 planned



around 800 vs 1200 planned

Efforts are being made to meet the set targets

















## Mutual recognition



"Mutual recognition clause" incorporated in the "Croskills regulation"

- Meetings
  - FYR Macedonia
  - Greece



 Work needs to continue to harmonise learning outcommes accros Europe

















# Financing of the project and continuity



- Work in progress
  - NQF nonformal (lack of ordinances)
    - Ministry of science and education
    - Possibilities for financing?
  - 4th Action plan for energy efficiency
    - Ministry of construction and physical planning
    - Environmental Protection and Energy Efficiency Fund
  - Training market development the need for Croskills certified workers - suggestion:
    - Public procurement process for energy refurbishment
      - Additional points if the company employs CROSKILLS certified workers
    - Agreement to do so from the:
      - Environmental Protection and Energy Efficiency Fund
      - City of Zagreb
      - **–** ..













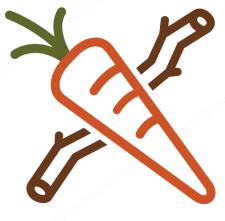












#### **Project continuity**



- Industry interested to involve more deeply
  - Materials and tools donation for future training
    - Industry
      - Chance for marketing
    - Training center
      - Reduction of training costs & continuous education of trainers
  - Loyalty programmes would be supplemented with the need to go through CROSKILLS programme
    - Croskills training centers included
  - Several industry leaders interested

#### Everybody welcomed



























Customers should get what they paid for!



























# Thank You!

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