



BUILD UP Skills Slovenija

BUILD UP Skills 2nd EU exchange meeting,
Ljubljana, 11-13 June, 2012

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INTELLIGENT ENERGY EUROPE

BUILD UP Skills Slovenia Consortium:

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ZRMK - Building and Civil Engineering Institute ZRMK,

Co-ordinator, e-mail: marjana.sijanec@gi-zrmk.si

CCS – Construction Cluster of Slovenia

OZS – Chamber for Crafts and Small Business of Slovenia

IZS – Slovenian Chamber of Engineers

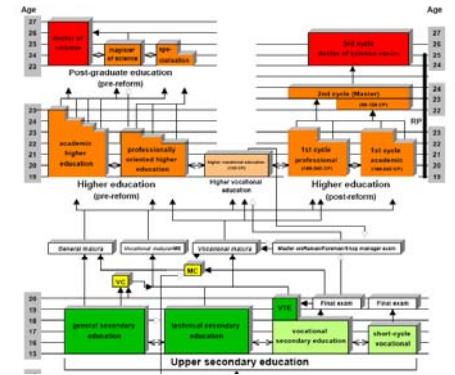
SCNM – School centre Novo mesto

CPI - Institute of the Republic of Slovenia for Vocational Education and Training



Members (30) of qualification platform:

- relevant public authorities (3 ministries)
- leading institutions in the continuing training system
- social partners national institute for employment, trade union
- building industry and professional chambers
- energy efficient building product/equipment and RES systems producers and installers
- architects
- sustainable buildings experts (consultants, engineers, universities, energy advisory network ENSVET)
- accreditation and certification bodies (ministry of education)
- potential financing bodies (national Eco fund, Housing fund of Slovenia, Municipal housing fund of Ljubljana)
- energy and development agencies



REDUCTIONS IN CONSTRUCTION SECTOR 2008-2011
BUILDING PERMITS -35%
EMPLOYMENT -21%

ECONOMIC CRISIS IN CONSTRUCTION SECTOR SINCE 2009

YOUNG GENERATION - LOW INTEREST IN VOCATIONAL SECONDARY EDUCATION 3+2

PREARIOUS WORKERS
99% FROM FORMER YUGOSLAV REPUBLICS
(54% FROM BIH)

LIFE-LONG LEARNING (POLICY FROM 2010)
Trainings - Chamber of craft and small businesses
Clusters of producers....

FUTURE CHALLENGE FOR ON-SITE WORKERS
INSIGHT INTO OTHER TRADES
ICT SKILLS
EQUIPMENT HANDLING SKILLS

QUALIFICATION SYSTEM IN SLOVENIA
1. Formal education
2. National professional qualifications (NPQ)
3. Additional qualification

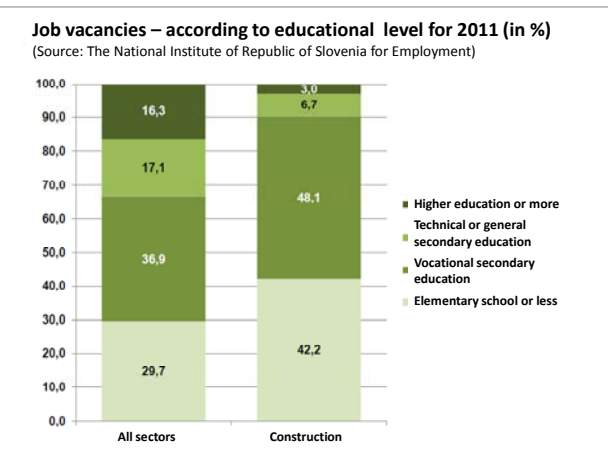
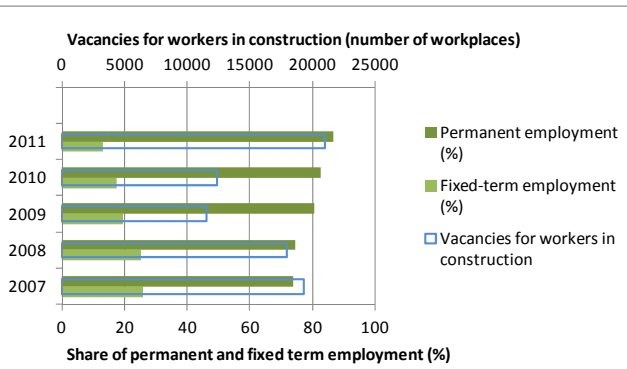
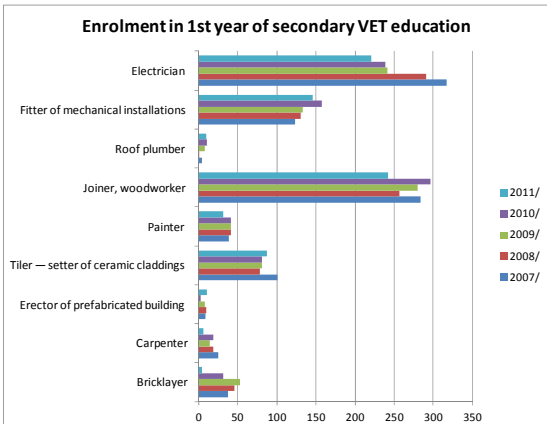
VET CURRICULA OPEN-CURRICULUM – RES and RUE modules

2011
73% FIXED-TERM JOBS
≤ 6 MONTHS

VOCATIONAL STANDARDS relevant for nZEB, NEW IN PREPARATION:
Level IV
Fitter of photovoltaic systems
Fitter of thermal systems
Fitter of solar systems
Level V
Energy manager of buildings

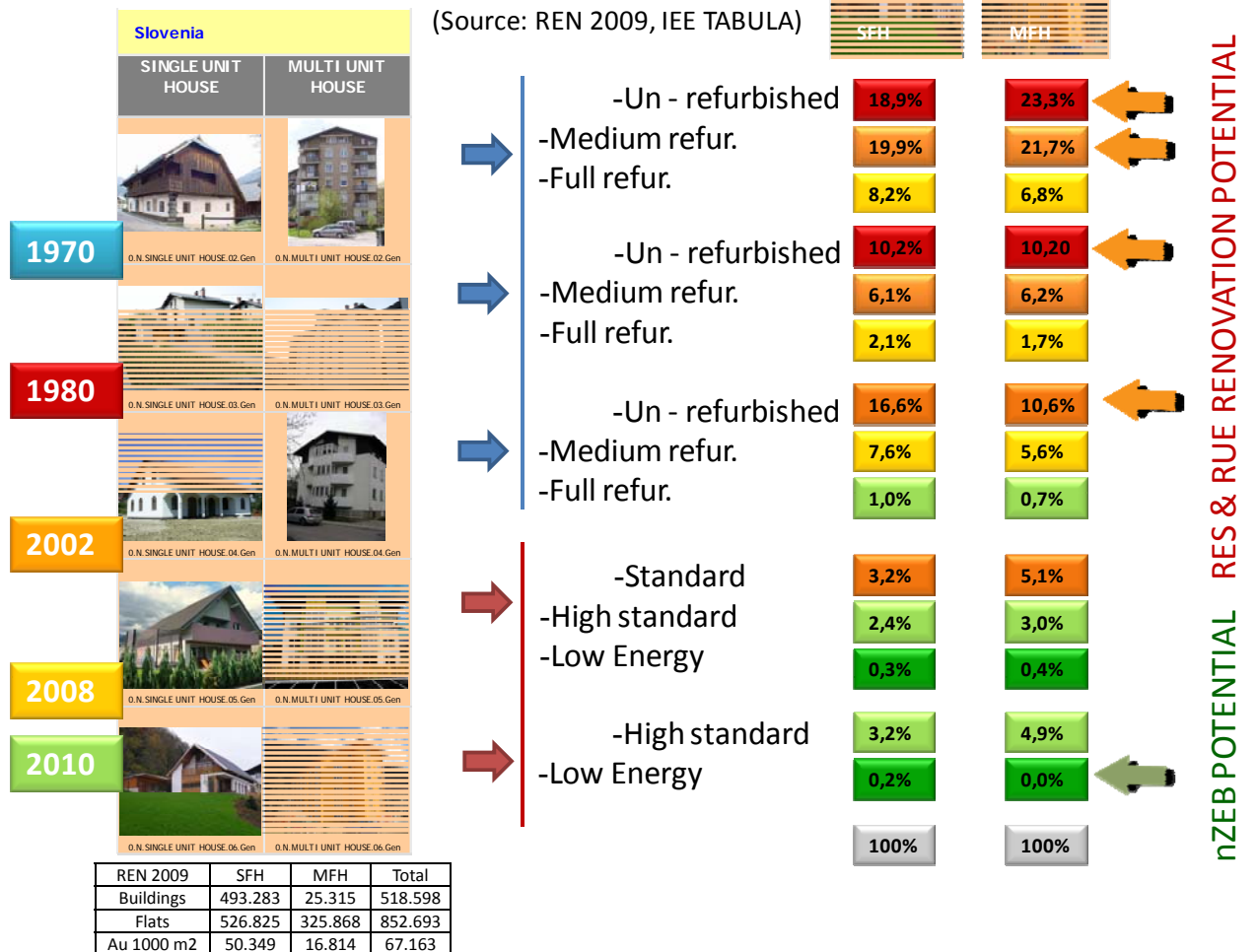
20-20-20 BY 2020
BINDING TARGETS FOR SLOVENIA
25% RES
MAX +4% GHG (in non ETS sector)

DECOMPOSITION OF CONSTRUCTION COMPANIES FROM LARGE TO SMES AND SELF-EMPLOYED



RESIDENTIAL BUILDINGS – STATUS

(Source: REN 2009, IEE TABULA)



nZEB POTENTIAL RES & RUE RENOVATION POTENTIAL