

# Build Up Skills Estonia

## Project Buildest

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# National Qualification Platform

## Project consortium members:

- Foundation KredEx (coordinator)
- Ministry of Economic Affairs and Communications
- Tallinn University of Technology
- Estonian Association of Construction Entrepreneurs
- Foundation Innove

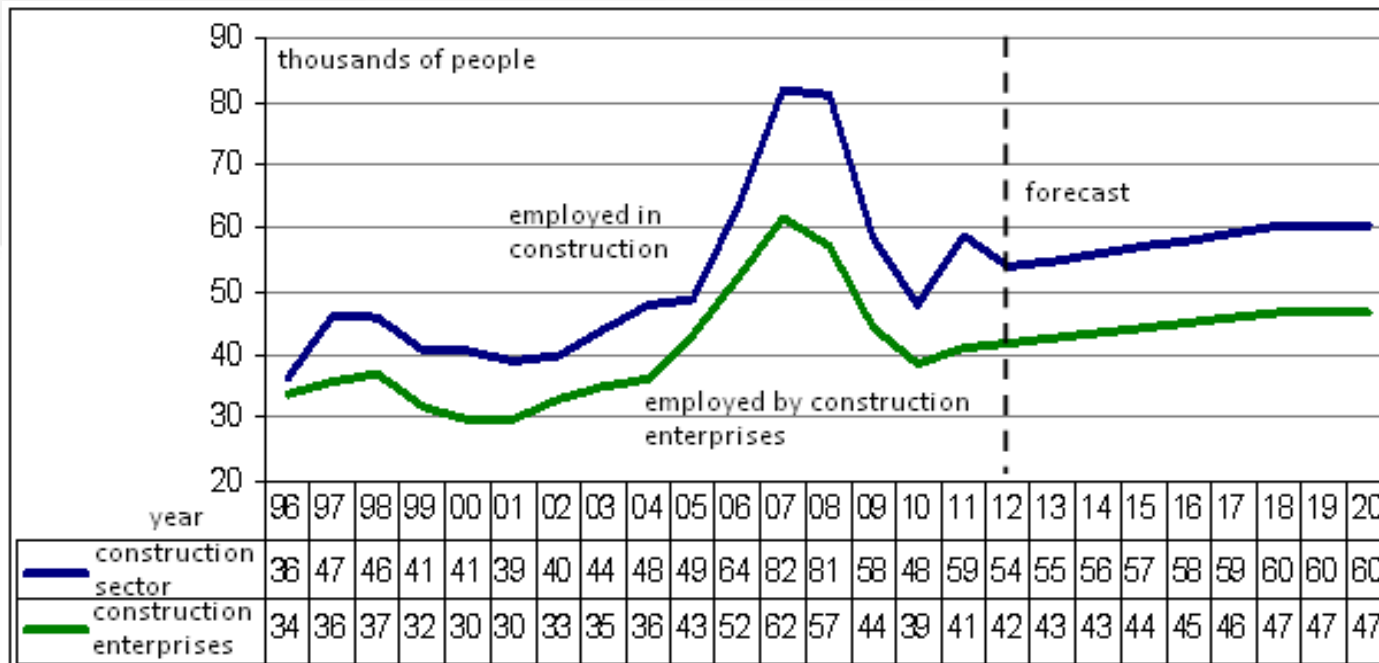
# National Qualification Platform

## Relevant market actors:

- Estonian Ministry of Education and Research
- Rakvere Smart House/Intelligent Building Competence Center
- Estonian Qualifications Authority
- The Union of Estonian Architects
- Foundation of Heating and Ventilation Engineers Society
- State Real Estate Ltd.
- The Estonian Union of Co-Operative Housing Associations

# Primary findings of status quo

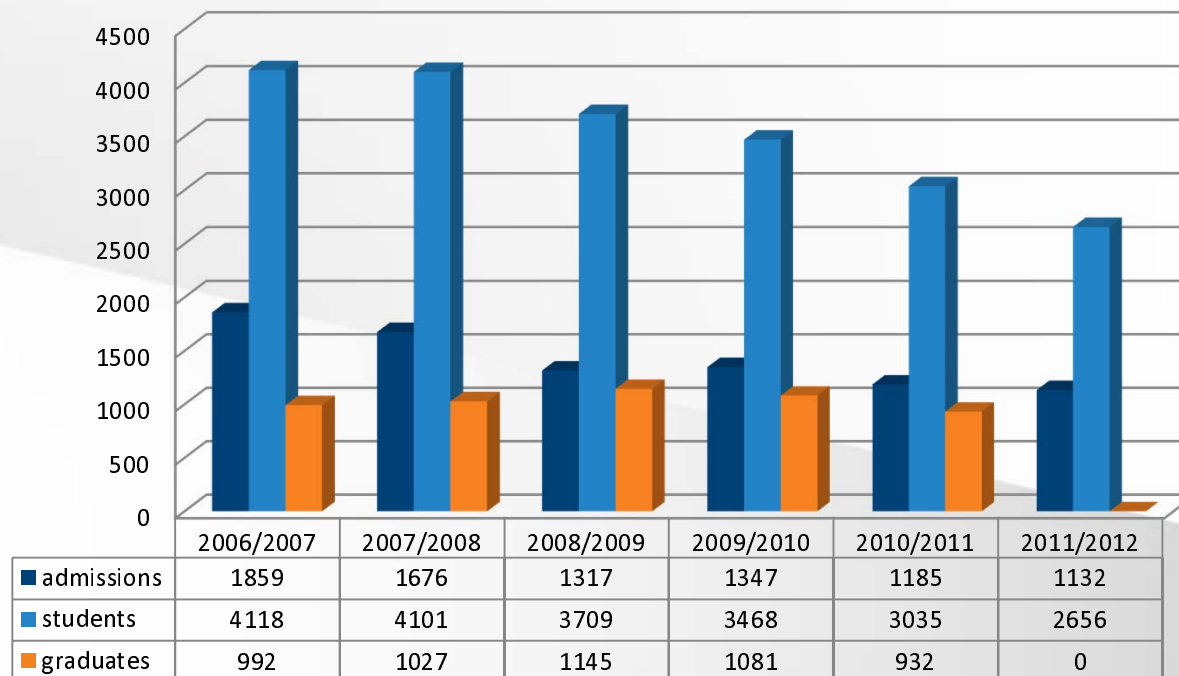
- The number of employed by construction companies could rise to 45,000-50,000 people or more:



Forecast as to the number of employed in the construction sector and by construction companies in 2012-2020 on the basis of the total number (thousands of people)

# Primary findings of status quo

- Taking into consideration that admissions in VET schools were down in 2010-2011, the number of graduates in 2013 may be as low as 800.



Dynamics characterizing admissions, number of students and graduates in the construction and civil engineering works curriculum group in 2006/07–2011/12

## Primary findings of status quo

- The construction sector would need at least **900-1,200 new skilled workers** per year
- Of graduates in construction specialities **36 percent** are not employed in their speciality or do not work for other reasons
- This fact may reduce the **number of new hires to as low as 600**, which is much lower than even the most conservative forecast for workforce needs in the sector

## Slide 6

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**LH4**

selle slaidi info võid öelda kommentaariks eelmise slaidi juurde.

Pharmacol, 23/04/2013

# Primary findings of status quo

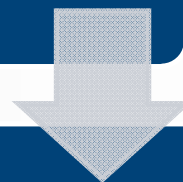
- The workforce study\* data signaled an **urgent shortage of workforce in the sector**
- The construction workers who **lack professional training** account for close to **50 percent of workers** at construction companies
- In the development of competences aimed at energy efficiency, the **complementing of occupational standards** in the construction field is of key importance
- Occupational standards are the basis for updating the **content of national curricula** in vocational education as well as designing **in-service trainings**

\*Estonian Institute of Economic Research "Workforce-related situation of Estonian construction companies and prospective need for workforce" (May 2012).



# Priority measures in roadmap

**TARGET 1: INCREASING THE QUALITY OF CONSTRUCTION IN ORDER TO ENSURE ENERGY EFFICIENCY**



**MEASURE 1: Energy efficient construction activity has been planned and coordinated**

# Priority measures in roadmap

## TARGET 2: INCREASING THE SHARE OF QUALIFIED WORKFORCE

MEASURE 2.1: Ensuring conformity of employees' occupational competence to the requirements of the labour market

MEASURE 2.2: Ensuring and raising quality of specialized training in the construction sector

MEASURE 2.3: Developing an in-service training (incl continuing education) system for acquiring energy efficient construction related competences

MEASURE 2.4: Increasing the perceived value in society of energy efficient construction and of training in this field

# Endorsement process

## Key stakeholders:

- Ministry of Economic Affairs and Communications
- Estonian Ministry of Education and Research
- VET schools
- Construction companies
- Estonian Qualifications Authority
- Professional organizations operating in the construction sector

# Endorsement process

## External endorsement:

- Public events for key stakeholders and project contact list
- Events have been covered by the Estonian National Television and other media channels (online news, radio interviews)
- Key stakeholders in the project working groups

## Internal endorsement:

- Endorsement signed by the partners' legal representatives

## Key success stories

- High-level (incl ministries) and broad-based co-operation network of stakeholders and different parties concerned are very interested in the project and its results
- As a result of the work carried out by the project's working group we have gathered data about construction sector and energy efficiency skills, that is now available from one source
- Due to the project the themes of energy efficiency have caught the attention and shall be integrated into the existing occupational qualifications system and national curricula by 2020

Thank you for your attention!



**KRED**EX