



# PROFESSION

*Protection against Fire & Energy Saving:  
Sustainability, IT & Impact on the Construction Sector*

Transfer of Innovation funded by

Project no. DE/12/LLP-LdV/ToI/147502



Lifelong  
Learning  
Programme

Promoter



Warrington Collegiate



**BERUFSPFÖRDERUNGSWERK**  
der **BAUINDUSTRIE NRW e.V.**

Project life cycle from 1<sup>st</sup> of October 2012 – 30<sup>th</sup> of September 2014

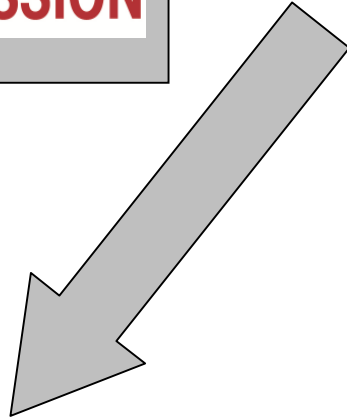
Project no. DE/12/LLP-LdV/ToI/147502



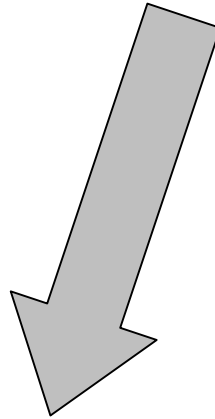
Lifelong  
Learning  
Programme



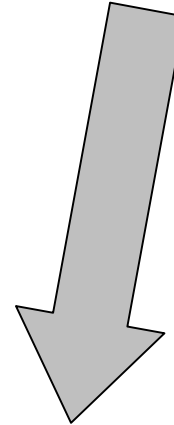
**Protection against Fire & Energy Saving:  
Sustainability, IT & Impact on the Construction Sector**



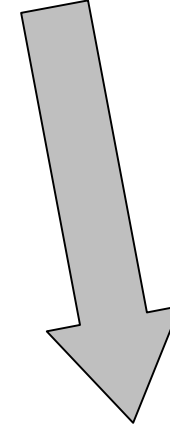
**MODULES**  
Fire  
Prevention/Protection  
Energy  
Saving/Efficiency



**MATRICES**  
Fire  
Prevention/Protection  
Energy  
Saving/Efficiency  
EQF-Levels  
3, 3a, 4, 5



**EXPLICIT RESULT**  
Content  
Curricula  
Blended Learning



**IMPLICIT RESULT**  
IT-skills learners  
IT-skills VET centres  
Blended Learning

- Sustainable new method
- IT-skills on both sides
- proceeding on the learn curve



## MODULES



**BZB**

Bildungszentren des  
Baugewerbes e.V.



**AIDICO**  
TECHNOLOGICAL INSTITUTE  
OF CONSTRUCTION



Warrington Collegiate



**IZODER**

IZODER S.A. YANIKIN YATIRIMCI LIKARİ DERNEĞİ



## MATRICES



BERUFSFÖRDERUNGSWERK  
der BAUINDUSTRIE NRW e.V.



## MEETINGS

1. Groningen → October 2012
2. Istanbul → April 2013
3. Vilnius → October 2013
4. Valencia → January 2014
5. Krefeld / Düsseldorf → September 2014

WEBSITE → <http://www.profession-cpd.eu>

SUBCONTRACTING → Videos, Photos, Audios, Animations; Translations

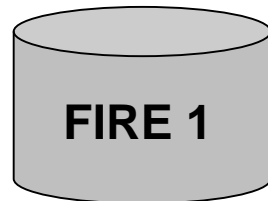
## PROJECT MANAGEMENT



**BZB**

Bildungszentren des  
Baugewerbes e.V.



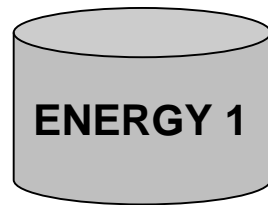


EQF/SQF 3, 3a, 4 or 5



**BZB**

Bildungszentren des  
Baugewerbes e.V.

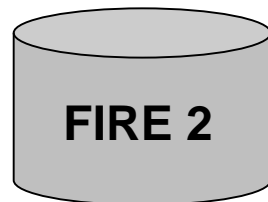


EQF/SQF 3, 3a, 4 or 5



**AIDICO**

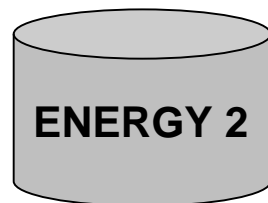
TECHNOLOGICAL INSTITUTE  
OF CONSTRUCTION



EQF/SQF 3, 3a, 4 or 5



Warrington Collegiate

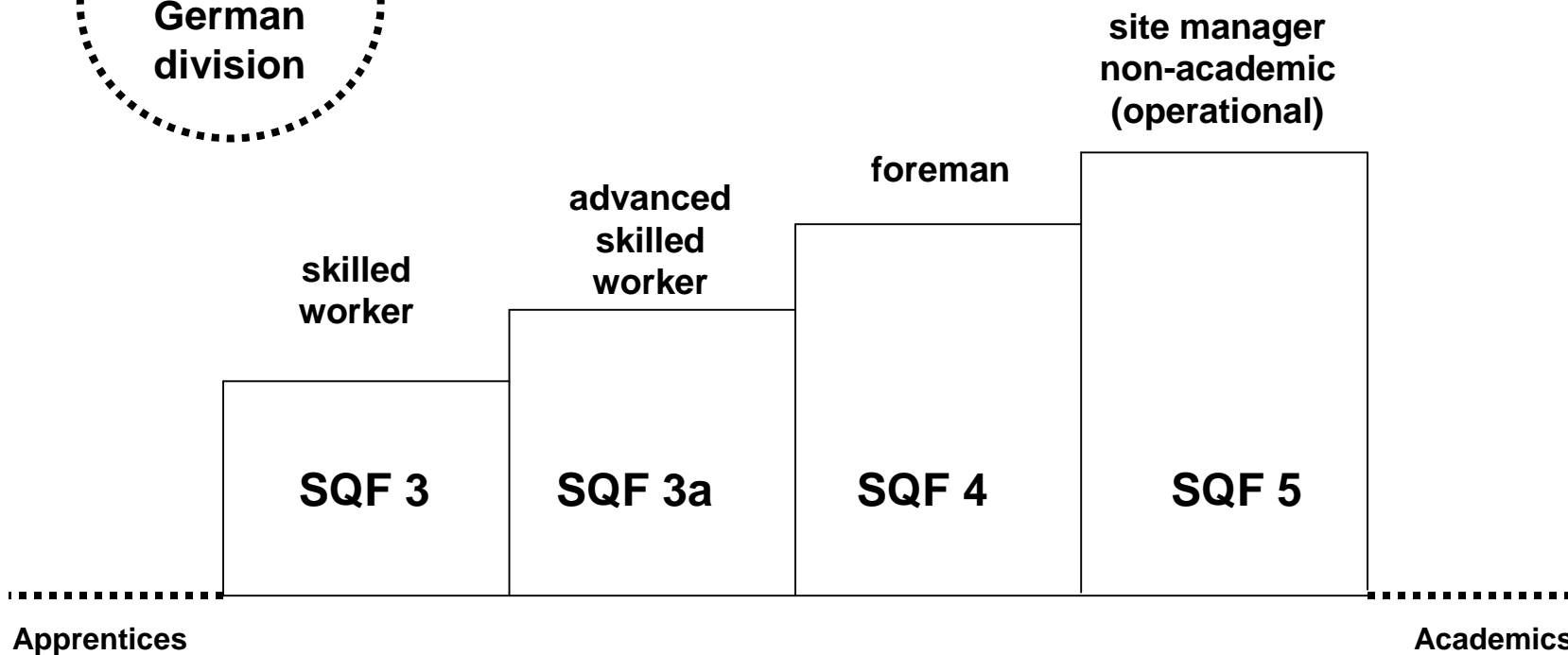
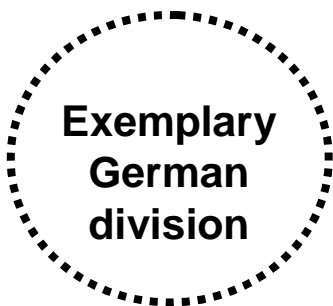


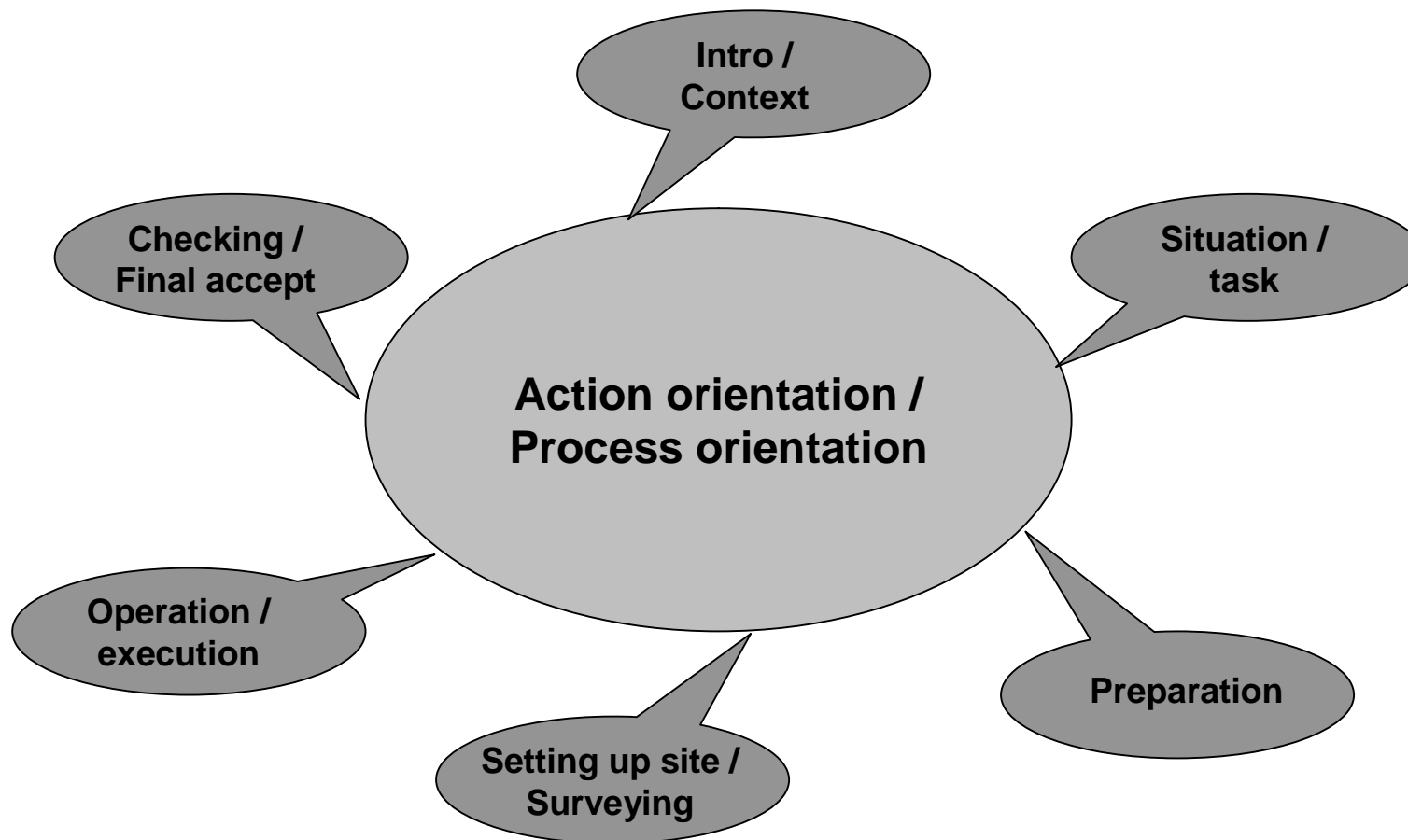
EQF/SQF 3, 3a, 4 or 5



**IZODER**

ISI SU SES ve YANGIN YALITIMCILARI DERNEGI





**Blended learning or integrated in practical context**

# *TECHNIQUE*

Web Based Training → WBT

Plot → Script

Authoring Tool

Applied media

Multilingual approach (en, de, es, tr, It, nl)



## Evaluation

- a) logic
- b) content

**with**

- c) workers
- d) trainers
- e) trainees

**In Germany: 2 \* 10 persons (BZB and BFW)  
in all other partner countries 10 persons each**

**Reference model  
in line with  
the point of transfer  
„SQF CON“**

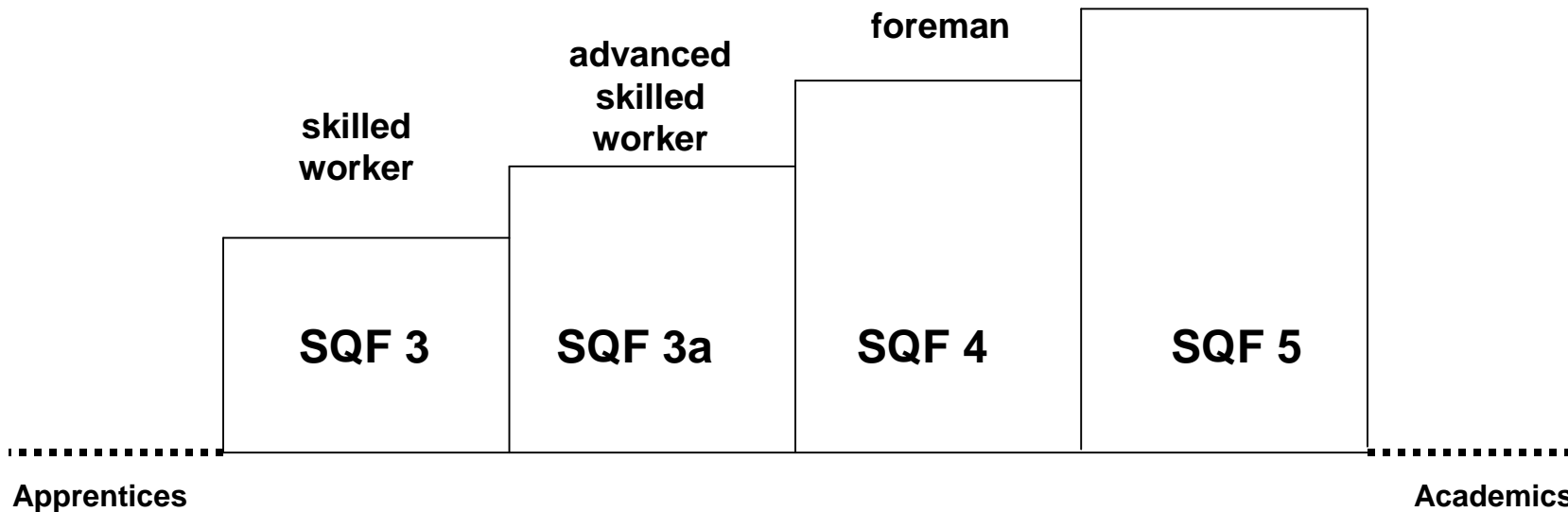
**24 units  
residential building**

Exemplary  
German  
division

Topics  
Fire prevention  
Energy efficiency

Role within the  
construction process

site manager  
non-academic  
(operational)



### Subtitles

#### Sectoral Qualifications Frame for the Construction Industry in Europe (SQF-Con)

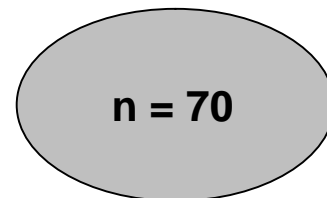
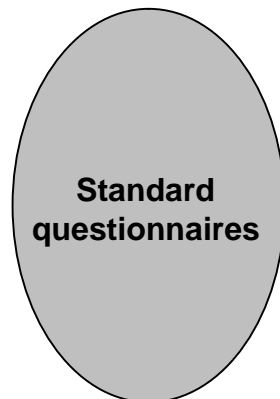
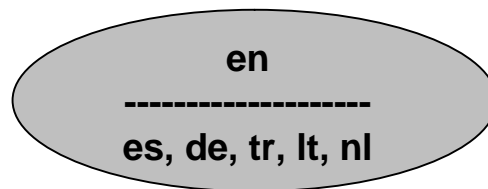
Phase: 1

Level: 4

Knowledge („knows“)	Skills („can“)	Competence („is able to“)
<p><b>Tools, equipment</b> Knows all relevant tools and equipments needed on-site</p>	<p><b>Execute logical operations (cognitive skills)</b> Can read construction plans and can give suitable orders especially for his divisions</p>	<p><b>Manage, control</b> Is able to manage several divisions of a site so that quality, delay and amount of work as well as variations, offering alternative solutions is met including control processes</p>
<p><b>Rules, norms, regulation</b> Knows all relevant standards, associations, laws, arrangements and rules in essence, e.g. the task of planned activities, enforcements of audits, bill of quantities for special or additional capacities</p>	<p><b>Planning, organising</b> Can specify all essential site activities especially in his division Can calculate the required floor space for several building materials and excavations on the building site</p>	<p><b>Take responsibility</b> Can take responsibility for the result of his divisions and performances</p>
<p><b>Procedures</b> Knows the proceeding of construction projects and time tables</p>		
<p><b>Frame of action, actors, interfaces</b> Knows the responsibilities, roles, competence, rights duties and way of work of other involved actors</p>	<p><b>Execute practical operations (practical skills)</b> Can understand planning, assess performances and feasibility</p>	
<p><b>Material</b> Knows all relevant materials needed on site especially for his division</p>	<p><b>Communicate</b> Can give to and receive from other actors involved all information necessary to plan and run a site</p>	

## Languages

- only English for project purposes
- maybe country language version for **evaluation** and dissemination



## Evaluation

2 x 10 persons in Germany (BZB and BFW)  
10 persons in Spain  
10 persons in UK  
10 persons in Turkey  
10 persons in Lithuania  
10 persons in Netherlands

### Characteristics / features

- 1 A4 page / matrix (max.)
- analogue for fire prevention
- analogue for energy efficiency
- 1 matrix for one level
- 1 matrix for one topic
- 1 matrix for one phase

#### Sectoral Qualifications Frame for the Construction Industry in Europe (SQF-Con)

Phase: 1

Level: 4

Knowledge („knows“)	Skills („can“)	Competence („is able to“)
<b>Tools, equipment</b> Knows all relevant tools and equipments needed on-site	<b>Execute logical operations (cognitive skills)</b> Can read construction plans and can give suitable orders especially for his divisions	<b>Manage, control</b> Is able to manage several divisions of a site so that quality, delay and amount of work as well as variations, offering alternative solutions is met including control processes
<b>Rules, norms, regulation</b> Knows all relevant standards, associations, laws, arrangements and rules in essence, e.g. the task of planned activities, enforcements of audits, bill of quantities for special or additional capacities	<b>Planning, organising</b> Can specify all essential site activities especially in his division Can calculate the required floor space for several building materials and excavations on the building site	<b>Take responsibility</b> Can take responsibility for the result of his divisions and performances
<b>Procedures</b> Knows the proceeding of construction projects and time tables		
<b>Frame of action, actors, interfaces</b> Knows the responsibilities, roles, competence, rights duties and way of work of other involved actors	<b>Execute practical operations (practical skills)</b> Can understand planning, assess performances and feasibility	
<b>Material</b> Knows all relevant materials needed on site especially for his division	<b>Communicate</b> Can give to and receive from other actors involved all information necessary to plan and run a site	



→ Definition of levels in partner countries

→ Coping with National Qualification Frameworks

→ Issue will cover min. 0,5 days at project meetings

→ Correspondence with moduels´ contents



## TRANSLATIONS



## CONTRACTING

**3 different offers necessary; will be asked for at reporting stage!  
Even if guidelines do not require that, get them!**



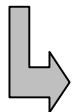
## MEDIA

VIDEO

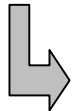
AUDIO

PHOTO

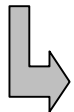
ANIMATION



All media rights to all partners 0-6 → leverage effect !



„audio“ can also mean music



Audio takes translated into all languages ? → updating !

# WEBSITE

## **PUBLIC AREA**

Project logo necessary? If yes → simple one!

Website mainly in English language

ONLY project summary in all partners' languages

Links to all partners' websites by logo-link or similar

**Subcontract  
of P4**

## **INTERNAL AREA**

- agendas, minutes, schedules, presentations, meetings' photos etc.

- matrices

- modules' scripts

- modules

- evaluations templates

- ...

**Domain  
www.  
profession-cpd.  
eu**

**DEFINED DICTION** required

e.g. „121015\_fb\_Module\_01\_III“

## SCHEDULE

1. meeting (kick-off): 15.-17. October 2012  
Groningen / Netherlands
2. meeting: 25.-26. April 2013  
Istanbul / Turkey
3. meeting: 9.-10. October 2013  
Vilnius / Lithuania (in combination with CPD 2013/14, part I)
4. meeting: 8.-9. January 2014  
Valencia / Spain (in combination with CPD 2013/14, part II)
5. Meeting (valorisation conference): 17.-18. September 2014  
Düsseldorf or Krefeld / Germany



Protection against Fire & Energy Saving:  
Sustainability, IT & Impact on the Construction Sector

## CONTACT partners

**AIDICO: Mr. Alfonso Cadenas**

**Warrington Collegiate: Mrs. Olwen Dolan**

**IZODER: Mr. Huseyin Onbasioglu**

**BFW BAU NRW: Mr. Björn Müller**

**VSRC: Mrs. Renata Cerneckiene**

**GOA Infra Group: Mr. Rolf Rademaker**

Project no. DE/12/LLP-LdV/ToI/147502



Lifelong  
Learning  
Programme



Protection against Fire & Energy Saving:  
Sustainability, IT & Impact on the Construction Sector

## CONTACT promoter

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**Project no. DE/12/LLP-LdV/ToI/147502**



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