



Endorsement report

BUILD UP Skills Hungary project

Dorottya Hujber, Varga Luca ÉMI Non-profit Llc.

15. May 2013

Prepared

within the framework of BUILD UP SKILLS HUNGARY (BUSH Project)

BUSH consortium members:

ÉMI Non-Profit Limited Liability Company for Quality Control and Innovation in Building
Budapest Chamber of Commerce and Industry
Hungarian Building Material Association
Association of Hungarian Building Engineers
National Labour Office

The sole responsibility for the content of this publication lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EACI nor the European Commission is responsible for any use that may be made of the information contained therein.

Further information

More details on BUILD UP Skills Hungary can be found at www.bush.hu

More details on BUILD UP Skills can be found at www.buildupskills.eu

More details on the IEE programme can be found at <http://ec.europa.eu/intelligentenergy>

Table of contents

1. Introduction	4
1.1. Purpose of the report	4
1.2. Method.....	4
2. List of organisations who endorsed the Roadmap compiled and delivered by the BUILD UP Skills Hungary project consortium	6
3. Packages of measures	8
4. Role of organisations in the endorsement process	10
5. Endorsed measures of the Hungarian roadmap.....	17

Annex: Endorsement declarations

1. Introduction

1.1. Purpose of the report

The aim of the endorsement process is to embed the Roadmap¹ developed by the BUILD UP Skills Hungary project consortium into the national policy framework and at same time commit all relevant stakeholders towards its implementation. The Roadmap is the result of the 18-month-long common work and is the integral continuation of the 'Status Quo Report on Energy Efficiency and Use of Renewable Energies in Buildings: Opportunities and needs in the Hungarian Education System'² (Status Quo Report) that was completed during the project, in October 2012. The Roadmap intends to promote efforts to find a solution for key policy challenges drawing up guidance, proposal package with involvement of professional organisations and sectorial ministries, thus encouraging governmental strategy formulation and legislation in order to enable realisation of building energy objectives set for 2020.

The endorsement activities will also pave the way for the upcoming IEE call on the actual implementation of the Roadmap,

Competent ministries also need to be involved since in a highly centralised political system they have shared competences in deciding on curricula, priorities and budget affecting vocational or post-diploma education & training in energy and building issues. In the frame of this task, consortium partners also signed **letters of intent/endorsement letter** endorsing measures included in the **Roadmap** respective to their organisation

The ÉMI leads and coordinated the drafting of this final endorsement report comprising of the main findings, proposed endorsement measures for each stakeholder group and recommendations for next steps.

1.2 Method

At the time of BUILD UP Skills Hungary project proposal submission in 2011, 20 key **stakeholders have been identified** and contacted and a major part of them (17 organisations) have submitted a letter of intent stating that they are willing to support the project during implementation. Some of these organizations and additional newly identified actors were actively participating in the discussions related to the Status Quo Report and the Roadmap development and shared their expert knowledge with the consortium.

Furthermore bilateral discussions took place between the BUSH consortium members and some important key actors to obtain their support for the endorsement of the Roadmap and discuss their role and tasks in a way to maximise synergies avoiding overlaps and inefficiencies. The proposed measures of Hungarian Roadmap were divided into two major parts, one related to the building industry (demand side) and the other focusing specifically on training and qualification (offer side). Due to this fact **two packages of measures** were pre-set for the organizations to endorse however they were free to choose any measures closely related to their field of activities and liabilities. They could

¹ Hungarian Roadmap is downloadable from: <http://www.bush.hu/roadmap/>

² <http://www.bush.hu/hungarian-status-quo-report/>

also propose other supportive measures and activities that can be useful in the implementation process.

Originally it was expected that approximately 15 organisations will finally endorse the relevant measures included in the Roadmap, but the BUSH consortium managed to receive more, resulting in **23 letters of endorsements**. Signatories were coming both from the building industry and the education/training sector. Beside them all BUSH consortium partners and one responsible ministry also provided letters of endorsements.

2. List of organisations who endorsed the Roadmap compiled and delivered by the BUILD UP Skills Hungary project consortium

The following companies and organizations listed in the table below have been contributed to the endorsement process of the BUSH project by providing endorsement letters. The signatories represent key actors coming from the field of building industry, education/training and public bodies. With their support it can be ensured that the measures of the Roadmap are to be realized if the necessary conditions and resources are available. Discussions with listed organisations proved that these stakeholders believe that not only the implementation of the proposed measures but the continuation of the established platform activities and common thinking is necessary. Most of the organisations are also willing to provide professional support for BUILD UP Skills Pillar II. project realization within Hungary.

Abbreviation	Name of organisation	Signatory, position	Field of activity (Education; Building)	Role in the process
BUSH consortium				
ÉMI	„ÉMI” Non-profit Limited Liability Company for Quality Control and Innovation in Buildings	Károly Sárközi dr. , General manager	B	project partner, SQR, Roadmap, endorsement measure development
NMH	National Labour Office	Róbert Komáromi, General director	E	project partner, SQR, Roadmap, endorsement measure development
MÉASZ	Hungarian Building Material Association	György Széman, President	B	project partner, SQR, Roadmap, endorsement measure development
BKIK	Budapest Chamber of Commerce and Industry	Ervin Kiss, Secretary general	E	project partner, SQR, Roadmap, endorsement measure development
MÉGSZ	Association of Hungarian Building Engineers	László Golyán, Chairman	B, E	project partner, SQR, Roadmap, endorsement measure development
Other organizations				
NFM	Ministry of National Development	Tamás Varga, Head of department for Green Economy Development	B	legislative & institutional framework, financing; key actor to endorse and realize project results
MÉGKSZ	Hungarian HWAC Coordinating Association	Attila Zoltán, President	B	Consultancy, preparation, expert support, SQR & Roadmap
MIT	Federation of Hungarian Real Estate Associations	József Sztranyák, President	B	expert inputs in the field of energy standards in buildings SQR & Roadmap
ETE	Hungarian Scientific Society of Energy Economics	Dr. László Molnár, Secretary general	B	energy expertise, inputs for Roadmap
SZIE	Szent István University Department of Environmental and Building Engineering	Dr. István Barótfi, Univ. Prof., Head of department	E	expert in higher education in the field of energy. Support for Roadmap
Simonyi	Simonyi Károly Technical and Vocational School	Tibor Déri, principal	E	EE & RES topics in curricula development and teaching in the formal education system, SQR & Roadmap

VM	Vörösmarty Technical and Vocational School	Zoltán Mesterházy, deputy director	E	EE & RES topics in curricula development and teaching in the formal education system, SQR & Roadmap
BÉKSZI	Békéscsabai Central Vocational School and Student Dormitory	József Marton, principal	E	EE & RES topics in curricula development and teaching in the formal education system, SQR & Roadmap
MÉGNAP	Hungarian Association for Solar Energy	Pál Varga, Chairman	B	consulting
AFIOE	National Association of Accredited Adult Education Institutions	Dr. Ákos Zsuffa, president	E	consultancy on adult education
ÉVOSZ	National Federation of Hungarian Contractors	Tibor Tolnai, president	B, E	expert input regarding RES and EE in SQR
OKISZ	Hungarian Industrial Association	György Vadász dr. , Executive chairman	B	consultancy
MAPASZ	Hungarian Passive House Association	József Feiler, president	B	expert support SQR & Roadmap
Bankorg	Bankorg Llc.	János Kovács, managing director	B	consultancy
FEOP	Sustainable Homes Private Limited Company	István Tóth, deputy CEO	B	sustainable buildings, EE & RES in buildings, trainings expert input for SQR & Roadmap
H Building	Hungarian Building Industry Nonprofit Ltd.	Pál Bacárszki, Managing director	B	consultancy
Regio-Bau	Regio-Bau Ltd.	Dr. Pál Bacárszki, Managing director	B	consultancy
NKEK	National Environmental Protection and Energy Center Non-profit Llc.	Zoltán Körtvély, Managing director	B	former coordinator of BUSH, support in tendering processes

3. Packages of measures

Due to the nature of the BUSH project there has been two sets of possible measures identified in the Roadmap; one dealing with the building sector, and the other with the education/training sector. Therefore the identified key actors were asked to name those measures or sets of measures they are willing and able to endorse based on their main fields of activities and responsibilities. They were also offered to suggest other possible instruments to implement that are in line with the goals of the BUSH project and the aim of the Roadmap. It should be also noted that some organizations are active in both sectors therefore a mix of measures have been also proposed.

Building industry measures:

- Cooperation in the building sector:
 - Examination of opportunities enabling coordination of building sector and connecting areas
 - Forming of cooperation between building sector and connecting areas
 - Designation of competent professional authorities related to certain specialities
 - Using existing and opening new channels
 - Providing appropriate information and monitoring changes by professional institutions
- Company registration, qualification, access management mechanism
 - Examination of opportunities for simplification and reducing number of systems
 - Examining justification options for company registration, qualification, access management mechanism by specialities, incorporating the results of review required by Government Regulation No. 1589/2012. (XII. 17.)
- Awareness-rising
 - Providing professional and information support for existing organisations and consultants
 - Reviewing and coordinating operation of existing information and consulting network
 - Awareness-raising through public consultations and events
 - Awareness-raising through media campaigns
- Tendering system
 - Monitoring best practices and examining its suitability for use
 - Reshaping the evaluation criteria, optimising tender invitations
 - Further development of IT solution for formal verification, based on best practices
 - Examining options promoting energy efficiency and usage of renewable energy sources.

Education/training measures:

- Promoting cooperation of training institutions and professional institutions
 - Establishing partnership between the professional institutions of building sector and adult training institutions
 - Establishing partnership between professional organisations of building sector and Klebelsberg Institution Maintenance Centre and also the maintenance associations
 - Establishing partnership between professional organisations of building sector and the Chamber
 - Establishing a training platform for building sector, operating with the involvement maintenance alliances, and existing professional institutions of adult training.
 - Cooperation of education institutions for adapting the training programmes recommended by the BUSH project

- Cooperation of educational institutions for optimal exploitation of educational infrastructure and technological resources
- Developing a common informative interface on the Internet
- Promoting advanced training of trainers
 - Transformation of continuing training system of pedagogues
 - Extension of the possibilities and obligations of master licensing exam
 - Extension of the possibilities of master licensing exam
- Developing training materials
 - Developing up-to-date basic course books and regular updating of curriculums
- Promoting practical trainings at companies
 - Drawing companies' attention to the benefits of receiving students.
 - Drawing the attention of adult training institutions to possible asset grants
- Incentive schemes
 - Informing enterprises and workers about benefits of continuing trainings and available supports
- Recommended trainings
 - Developing trainings for certain professions, specialities
 - Examination of the need to introduce official education in certain professions

4. Role of organisations in the endorsement process

As a result of the endorsement process all five BUSH Consortium members provided endorsement letters and listed those specific support measures that are closely related to their field of activities. They are all well embedded in the decision-making support channels on the field of building industry or adult education and training therefore can play an important role in future activities. The implementation of the Roadmap measures will be monitored and followed-up by the partners after the termination of the project.

Consortium members

„ÉMI” Non-profit Limited Liability Company for Quality Control and Innovation in Buildings as the responsible state-owned company it has many roles starting from –among others- the quality control of building materials, through residential tenders, company certification and strategy development. The company also organises and runs accredited training courses in the field of Qualified flue gas extraction system builders, installers and chimney sweeper registered in the National Qualification Register.

support measures:

- Examining the improvement opportunities for coordination and cooperation in the building sector and related fields
- Promoting communication and cooperation between responsible ministries and professional organizations
- Participating in the harmonization and implementation of registration and certification system for construction companies
- raising awareness in relation to ÉMI activities
- optimizing the evaluation criteria of subsidy schemes managed by ÉMI; further development of formal application verification system
- developing training material
- designing training courses and accredited training programs related to ÉMI activities
- cooperating in the revision process of the necessity of state certified trainings
- monitoring the implementation of the proposed measures of BUSH roadmap

National Labour Office (NMH) was formed in 2012 with the merger of three organizations, the Employment Office, the Hungarian Labour Inspectorate and the National Institute for Vocational and Adult Training. Is a central agency in charge of implementing tasks related to employment policy, occupational safety, labour affairs, vocational and adult training. Within its employment policy remit the office additionally directs the professional activities of the Labour Centres and local branch offices provides information and advises on employment abroad. It coordinates the accomplishment of several central labour market programmes organizes, manages, and coordinates employment, and trains programmes financed by the European Union funds. The Government allocates the National Labour Office as the agency responsible for vocational and adult training.

support measures:

- all 31 measures are supported by NMH and the organisation is willing to participate in their fulfilment and monitoring activities

Hungarian Building Material Association (MÉASZ) is an umbrella-association and a professional advocacy platform of eight major building material associations; therefore it is an unavoidable negotiation partner of the government in strategy and legal framework development. One of MÉASZ's

main aims is to support the sustainable development of high-quality construction and building material manufacturing. They are also willing to increase the political and economic weight of the building material industry. They put a great emphasis on maintaining and strengthening the manufacturing culture be product development and specification; improving innovation and product quality; influencing the regulatory environment and supporting workforce quality training to improve competitiveness. In spite of the dramatic downturn of the building industry the Association is willing to improve the situation and foster actions in the decision-making processes of the government.

support measures:

- knowledge transfer to the producers of building materials
- contribution in training courses (as trainees)
- integration of 2020 targets into MEASZ programme, as much as possible

Budapest Chamber of Commerce and Industry (BKIK) with its 160 years old history is a determining public body with regards the economic and social life of Budapest with the biggest membership among the Economic Chambers. BCCI has more than 4,000 members representing trade, industrial, business service providing and handicraft private entrepreneurs and business organizations in Budapest. It aims to help the development and organization of the Hungarian economy, protects the safety of business transactions and the respect of fair play market behaviour and represents the general and joint interests of the business organizations. Involved in the development of legislation affecting the Hungarian economy, plays an important role in the implementation of long-term economic development programs and the development of the Budapest area. In 2012 the compulsory registration of corporations was introduced.

support measures:

- development of Curriculum related to environmental protection and energy efficiency

Association of Hungarian Building Engineers (MÉGSZ) accordingly the European Union professional trends and guidelines gives professional knowledge, information and authorities. To strengthen the market position of the members organizes educational, quality management, innovation and professional development projects. The association founds classifications and trademarks to protect the professional and economical interest of building engineers.

support measures:

- supporting cooperation of professional associations in the building industry, taking part in defining their competencies
- supporting cooperation within the building sector by supervising functioning and developing the efficiency of existing sectorial communication, informing the members on the changes of regulation
- Cooperation in the review of company registration and qualification systems and access management mechanism
- Supporting activities for changing the attitudes concerning energy consumption
- Developing partnership between institutions involved in adult training
- fostering participation of public enterprises in training
- cooperation in creating new courses in building engineering
- cooperation in the supervision of the necessity of implementing courses for certification and registration

Other key endorsing actors

Federation of Hungarian Real Estate Associations (MIT) was founded on 1 April 2005 and its main objective is to foster the creation of professional autonomous associations for the different groups or individuals involved in the real estate sector, to increase the trade's public prestige and to provide a unified professional and general representation. MIT consists of 9 professional association members, and over 30 cooperating partners representing real estate agents, developers, appraisers and managers. Their aim is to promote the exchange of experiences within and outside of the country, to expand the profession background, to improve the education system for real estate professionals and to foster the establishment of a Hungarian Real Estate Chamber and a chamber law. In order to achieve these objectives it is committed to organize: events, conferences, workshops, presentation of goods and services, professional training courses.

support measures:

- Observation whether it is necessary to introduce a magisterial (access management mechanism for) eco-real estate developing trainings among districts/townships (200 districts)- Roadmap 4.2.3.2
- inform the self-employed people about the advantages and possible support of eco-real estate developing trainings among districts- Roadmap 4.2.2.1.
- observation of the Green Building Modelling (GBIM) that is to promote the energy efficiency and the renewable energy resources for the eco-real estate developing constructions among districts – Roadmap 4.1.2.2.4.

Bankorg Ltd. is engaged in the real estate market. It is specialised in real estate development focusing mainly on properties owned by various banks. Bankorg represents a significant section of that specific market; the managing director of the company is the vice-president of the Real Estate Department of the BCCI. Bankorg as a real estate and banking establishment pays distinctive attention to modern technologies, environmental awareness and cost effectiveness.

support measures:

- preparing tender proposals based on the returns and the social-efficient requirements of energy-efficient tenders
- developing the terms of public, energy-efficient and environmentally friendly social house system tenders in a special consideration of existing rental houses and vacant real estate substance
- developing the “green- community bank” financing system of energy-efficient, environment conscious green- building investment project with the mixture of tender support and bank loan funds, under the combined inflation rate
- enhancing the role of professional organizations
- establishing a national tender advisory network
- preparing the renewable energy development and investment tenders
- organizing awareness campaign about the domestic real estate energy needs and wastes
- preparing and organizing adult (outside the school) education about the renewable energy systems in the following training topics:
 - general renewable energy systems
 - real estate IT solutions
 - green rental system
 - building usage and maintenance
 - green city concept

National Federation of Hungarian Contractors (ÉVOSZ) was founded in October 1989. Now it has approximately 220 members. Along the most prestigious Hungarian building contractors, numerous small- and medium-sized enterprises became members of ÉVOSZ, too. One of the main tasks of EVOSZ is to 1) represent the interests of Hungarian building contractors on national and international level. 2) Fostering the development of professional ties and exchange of information between member organizations, as well as between Hungarian and international (chambers, associations, authorities) organizations. As a member of international professional associations (FIEC, FESI, EUROWINDOOR) active participation in the special technical activities of the European Union. 3) Establishing an in detail professional judgement on acts and decrees related to the construction industry, taking initiatives (Act on Public Procurement, Building Act, right to building-construction, etc.). 4) Promotion technical and professional development of the construction industry.

support measures:

- formation of approach of contractors (awareness-raising)- Roadmap 4.1.1.1.& 4.1.2.1

Hungarian Scientific Society of Energy Economics (ETE) is an independent, non-governmental non-profit organization of private professional individuals in the fields of energy economics, energy policy, power, natural gas, heating, energy related environmental and climate protection and related disciplines since 1949. They have over 100 members coming from the related companies, academic institutions and retired professionals. They issue a journal called „Energy economics”. Among others their aim is to assess the energy saving opportunities on national and local level, to exploit the use of advanced energy technologies, to prepare legislative documents on energy management, improvement of knowledge and skills of professionals, representation of energy professionals in Hungary and abroad.

support measures:

- reviewing (technical part of training) materials

Hungarian Industrial Association (OKISZ) is a national social organization of employers voluntarily formed by its member associations in order to represent and protect social and economic interests of its members. Established in 1920 and today consists of 22 territorial and professional member organizations and 2 associated professional business federations, which involves more than 1000 economic organizations – from SME, micro-enterprises and cooperatives - important participants of the national economy. The association has the aim to become an organization representing employer's interests of owners of small and medium size enterprises, which is independent of political parties, undertakes significant role in the future economic and social activity of Hungary and has high respect, European level, rich traditions and values. They consider that the restoration of the vocational training is one of the most important elements of the national economy therefore they also provide adult training on career orientation and HR development.

support measures:

- development of Curriculum (related to environmental protection and energy efficiency)

Hungarian Association for Solar Energy (MÉGNAP) implements the development of thermal solar systems in Hungary to promote solar field. Along professional viewpoint demonstrates its opinion, professional knowledge and experience to the Hungarian political and economic institutions. Also

shares his knowledge and experience with the whole solar industry. Participate in professional meetings of the solar field.

support measures:

- cooperation of trade associations
- cooperation in changing attitudes concerning use of solar thermal energy
- partnership in the field of adult training
- cooperation in revising the need of implementing courses for registration in the field of solar thermal energy

National Association of Accredited Adult Education Institutions (AFIOE) has the largest number of members of knowledge developers and trainers as advocacy organization. With more than 300 members, representing training institutions AFIOE is politically and financially – state aid and subsidy free – independent. Over the past years they more and more effectively participate in conciliation processes. Since its establishment the transparent objective of AFIOE is to provide quality service to its members, such as brokerage about relevant information, representation of adult training institutions and communicating the importance of quality adult education.

support measures:

- building of partnership between the professional construction associations and professional organizations of adult education (non-formal education and training programs, listed in the National Directory of Non-school based training programs)

Békéscsabai Central Vocational School and Student Dormitory (BéKSZI) is the successor of some prestigious vocational training institution in the area from August 2007. The new institution offers vocational trainings also in the following fields: electrical engineering, mechanical engineering wood engineering and building construction. The School aim is to satisfy the economy always growing requirements with well-qualified skilled workers, technicians and engineering assistant.

support measures:

- cooperation in takeover training programs proposed by the BUSH project
- promoting the further training of trainers
- developing courses in certain professions and fields

Simonyi Károly Technical and Vocational School (Simonyi) goal is to keep the tradition but also take into account the economic changes in the education of well qualified and skilled professionals. The training of skilled workers started in the school in 1954. The school is one of the largest vocational school in the county. The students can choose their training from the National Register listed professions. The practical training of the vocational high school students is in the workshop rooms of the school. The practical training of vocational training students is in specialized factories or constructor's' place.

support measures:

- building partnership with relevant professional associations of the building sector
- development of courses for relevant professions
- supporting of training the trainers

Vörösmarty Technical and Vocational School (VM) is the determining training centre of building professionals in Székesfehérvár 57 years ago. The training structure changes significantly in the last ten years, next to the professions in the building industry the school also offer wood science, building engineering vocational education.

support measures:

- training in a school-type system
- training in non-school-type system
- further training

Sustainable Homes Private Limited Company (FEOP) was established in 2011 by professionals and companies, which have decades of experience in energy modernization of buildings. The company initiated and manages the Sustainable Green Home Programme. The country-wide program intends to support the goals of the EU energy strategy related to thermal insulation, door and window replacement, modernization of heating systems, installation of renewable energy equipment in residential buildings for the 2014-2020 period. The program is unique in Central Europe because it provides a complete package for the clients, which includes design, financing, execution of the renovation and energy performance certification.

support measures:

- sharing the experience and suggestions on the qualification of the enterprises
- sharing the experiences on the sales of the building energy modernization projects
- sharing the experience of the customers on the tendering system

Hungarian Coordination Association for Building Engineering (MÉgKSZ) was formed in 1998, by building engineering and related professional associations, chambers of commerce, educational institutions and key industrial actors. Currently their membership consists of 10 associations and 30 supporting organization. Their main role is to coordinate and represent the interest of their members. They are active in the following tasks: support and elaborate nationwide standardization procedures based on European criteria; provide expert knowledge for legislative frameworks and decision-making processes on the field of HVAC; organize professional dialogues between different sectorial actors; exchange information. Coordination and operation of nationally significant activities, such organising conferences, release publication, education, provide trainings, develop training programs, and handle

support measures:

- Awareness raising and training of skilled HVAC workers and technicians having secondary-level education, certification system
- Company certification system for the contractors employing the above mentioned certified workforce.
- Complex IT and monitoring system to register the certified companies, their certified workforce, equipment and services and also the documentation of operators' maintenance obligations.

Hungarian Passive House Association (MAPASZ) is an association with approximately 50 members coming from the building sector. Their main task is to promote the passive house approach and related issues inter alia: creation of a network for training, providing information for the building sector and professional organizations, reduce the use of traditional energy sources, promote resource efficiency at construction, maintenance and demolition phases, exchange of information and experience on international level, strengthen the international passive house movement, technical

support for the renovation of existing building to reach passive house quality standard, promote energy performance certification of existing and new buildings.

support measures:

- all 31 measures are supported by Hungarian Passive House Association and the organisation is willing to participate in their fulfilment and monitoring activities

Hungarian Building Industry Non-profit Llc. (H Building) was established in 2001 in Budapest, as a non for profit organization. Their main activity is to provide consultation for businesses working in the building industry. As a manager of the Central Hungarian Regional Innovation and Building Industry Cluster its main role is to invite Hungarian small and medium-sized enterprises active in the building sector to join the cluster and coordinate their activities. The cluster cooperates with governmental bodies, NGOs, associations, the other regional clusters and companies to fulfil its tasks, such as establishment of a network for the concentration of knowledge of enterprises; increase competitiveness; market participation on national and international levels; involvement is research and development of the building sector, training activities, qualification and sustainable development of cluster members The company is the majority owner of the Sustainable Home Inc., which is responsible for running the Sustainable Green Home Programme.

support measures:

- all 31 measures are supported by Hungarian Building Industry Non-profit Llc and the organisation is willing to participate in their fulfilment and monitoring activities

Regio-Bau Llc. (Regio-Bau) was established in 2006 in Budapest. The Company is principally engaged in conducting business and management consultancy and real estate maintenance activities. The company is the majority owner of the Hungarian Building Industry Non-profit Llc.

support measures:

- all 31 measures are supported by Regio-Bau Llc and the organisation is willing to participate in their fulfilment and monitoring activities

5. Endorsed measures of the Hungarian roadmap

	Measures/ endorsing organizations	ÉMI	NMH	MÉASZ	BKIK	MÉGSZ	NFM	MÉGKSZ	MIT	ETE	SZIE	Simonyi	VM	BéKSZI	MÉGNAP	AFIOE	ÉVOSZ	OKISZ	MAPASZ	Bankorg	FEOP	HBuilding.	Regio-Bau	NKEK	
4.1. Building sector measures																									
4.1.1. Building sector regulation																									
4.1.1.1. Cooperation in the building sector																									
4.1.1.1.1.	Examination of opportunities enabling coordination of building sector and connecting areas	x	x			x						x							x			x	x		
4.1.1.1.2.	Forming of cooperation between building sector and connecting areas		x			x	x												x				x	x	
4.1.1.1.3.	Designation of competent professional authorities related to certain specialities		x																x				x	x	
4.1.1.1.4.	Using existing and opening new channels	x	x				x												x				x	x	
4.1.1.1.5.	Providing appropriate information and monitoring changes by professional institutions		x				x								x				x	x			x	x	
4.1.1.2. Company registration, qualification, certification mechanism																									
4.1.1.2.1.	Examination of opportunities for simplification and reducing number of systems	x	x					x											x			x	x	x	
4.1.1.2.2.	Examining justification options for company registration, qualification, certification mechanism by specialities, incorporating the results of review required by Government Regulation No. 1589/2012. (XII. 17.)		x			x		x											x			x	x	x	
4.1.2. Awareness-raising, creating needs, stimulating demands in the building sector																									
4.1.2.1. Awareness-rising																									
4.1.2.1.1.	Providing professional and information support for existing organisations and consultants	x	x	x		x									x		x		x				x	x	
4.1.2.1.2.	Reviewing and coordinating operation of existing information and consulting network	x	x																x	x			x	x	
4.1.2.1.3.	Awareness-raising through public consultations and events		x												x				x	x			x	x	
4.1.2.1.4.	Awareness-raising through media campaigns		x				x								x				x				x	x	

	Measures/ endorsing organizations	ÉMI	NMH	MÉASZ	BKIK	MÉGSZ	NFM	MÉGKSZ	MIT	ETE	SZIE	Simonyi	VM	BéKSZI	MÉGNAP	AFIOE	ÉVOSZ	OKISZ	MAPASZ	Bankorg	FEOP	HBuilding	Regio-Bau	NKEK	
4.1.2.2. Tendering system																									
4.1.2.2.1.	Monitoring best practices and examining its suitability for use		x																x			x	x	x	
4.1.2.2.2.	Reshaping the evaluation criteria, optimising tender invitations		x																x				x	x	
4.1.2.2.3.	Further development of IT solution for formal verification, based on best practices		x																x				x	x	
4.1.2.2.4.	Examining options promoting energy efficiency and usage of renewable energy sources.		x				x		x										x	x			x	x	x
4.2. Training measures																									
4.2.1. Measures promoting trainings																									
4.2.1.1. Promoting cooperation of training institutions and professional institutions																									
4.2.1.1.1.	Establishing partnership between the professional institutions of building sector and adult training institutions		x			x						x								x			x	x	
4.2.1.1.2.	Establishing partnership between professional organisations of building sector and Klebelsberg Institution Maintenance Centre and also the maintenance associations		x																	x			x	x	
4.2.1.1.3.	Establishing partnership between professional organisations of building sector and the Chamber		x																	x			x	x	
4.2.1.1.4.	Establishing a training platform for building sector, operating with the involvement maintenance alliances, and existing professional institutions of adult training.		x																	x			x	x	
4.2.1.1.5.	Cooperation of education institutions for adapting the training programmes recommended by the BUSH project		x											x						x			x	x	
4.2.1.1.6.	Cooperation of educational institutions for optimal exploitation of educational infrastructure and technological resources		x																	x			x	x	

	Measures/ endorsing organizations	ÉMI	NMH	MÉASZ	BKIK	MÉGSZ	NFM	MÉGKSZ	MIT	ETE	SZIE	Simonyi	VM	BéKSZI	MÉGNAP	AFIOE	ÉVOSZ	OKISZ	MAPASZ	Bankorg	FEOP	HBuilding	Regio-Bau	NKEK
4.2.1.1.7.	Developing a common informative interface on the Internet		X																X			X	X	
4.2.1.2. Promoting advanced training of trainers																								
4.2.1.2.1.	Transformation of continuing training system of pedagogues		X									X		X					X			X	X	
4.2.1.2.2.	Extension of the possibilities and obligations of master licensing exam		X									X		X					X			X	X	
4.2.1.2.3.	Extension of the possibilities of master licensing exam		X									X	X	X					X			X	X	
4.2.1.3. Developing training materials																								
4.2.1.3.	Developing up-to-date basic course books and regular updating of curriculums	X	X		X					X								X	X			X	X	
4.2.1.4. Promoting practical trainings at companies																								
4.2.1.4.1.	Drawing companies' attention to the benefits of receiving students		X			X													X			X	X	
4.2.1.4.2.	Drawing the attention of adult training institutions to possible asset grants		X																X			X	X	
4.2.2. Measures supporting trainings																								
4.2.2.1 Incentive schemes																								
4.2.2.1.	Informing enterprises and workers about benefits of continuing trainings and available supports		X						X										X			X	X	
4.2.3. Recommended trainings																								
4.2.3.1	Developing trainings for certain professions, specialities	X	X	X		X		X				X	X	X					X	X		X	X	
4.2.3.2	Examination of the need to introduce state recognised certification in certain professions	X	X			X		X	X						X				X			X	X	
Other proposed support measures																								
	Monitoring the implementation of the proposed measures of BUSH roadmap	X																						
	Inegration of 2020 targets into MEASZ programme as much as possible			X																				

Annex: Endorsement letters