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FRASTRUCTURE Z **CONSTRUCTION 4.0** COMPETITIVENESS IN WATER NETWORKS GROWTH S ENVIRONMENT ENERGY NETWORKS TRANSPORT INFRASTRUCTURE EMPLOYMENT IT-NETWORKS ENERGY EFFICIENCY

CONSTRUCTION IS THE SOLUTION INDUST

YOUTH EMPLOYMENT ≦ ENERGY PRODUCTION RESOURCE EFFICIENCY 툴 STANDARDISATIO 造 INFRASTRUCTURE DIGITALISATION \mathbf{m}

MEMBER FEDERATIONS

- AT Bundesinnung Bau BI Bau Fachverband der Bauindustrie FVBI
- BE Confédération Construction Confederatie Bouw
- **BG** Bulgarian Construction Chamber BCC
- CY Federation of the Building Contractors Associations of Cyprus OSEOK
- CZ Association of Building Enterpreneurs of the Czech Republic SPS
- DE Hauptverband der Deutschen Bauindustrie e.V. HDB Zentralverband des Deutschen Baugewerbes ZDB
- DK Dansk Byggeri
- EE Estonian Association of Construction Entrepreneurs EACE
- ES Confederación Nacional de la Construcción CNC
- FI Confederation of Finnish Construction Industries RT
- FR Fédération Française du Bâtiment FFB Fédération Nationale des Travaux Publics FNTP
- **GR** Association Panhellénique des Ingénieurs Diplômés Entrepreneurs de Travaux Publics PEDMEDE
- HR Hrvatska Udruga Poslodavaca HUP
- HU National Federation of Hungarian Contractors EVOSZ
- IE The Construction Industry Federation CIF
- Associazione Nazionale Costruttori Edili ANCE IT
- Partnership of Latvian Contractors LV
- LT Lithuanian Construction Association LSA
- LU Groupement des Entrepreneurs du Bâtiment et des Travaux Publics GEBTP
- NL Bouwend Nederland
- NO Entreprenørforeningen Bygg og Anlegg EBA Byggenæringens Landsforening BNL
- PT Portuguese Federation of construction and public works' industry FEPICOP
- RO The Romanian Association of Building Contractors ARACO
- SE The Swedish Construction Federation BI
- SI Chamber of Construction and Building Materials Industry of Slovenia CCBMIS
- SK Zvaz stavebnych podnikatelov Slovenska ZSPS
- TR Turkish Contractors Association TCA

ASSOCIATE MEMBERS

EFFC European Federation of Foundation Contractors EQAR European Quality Association for Recycling e.V.



PARTNERSHIPS



Campaign "More EU budget for transport - the best Investment Plan for Europe" - www.moreeubudget4transport.org

Partner in the OSHA (European Agency for Health and Safety at Work) Campaign on "Healthy Workplaces - Manage Dangerous Substances"

www.healthy-workplaces.eu



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Partner of "BUILD UP" ("The European Portal for Energy Efficiency in Buildings") - www.buildup.eu

PROJECTS

FIEC-EFBWW website on "Construction for youth" www.construction-for-youth.eu



Skills Blueprint for the Construction Industry https://twitter.com/EUConstruction

Partner in "SKILLCO - Skills sector alliance for transfer of SKILLCO knowledge and skills of VET workforce in construction" www.skillco.eu



BIM-Speed - https://www.bim-speed.eu/en



KEY FIGURES ACTIVITY 2018

CONSTRUCTION IN EUROPE





10 4% **CIVIL ENGINEERING**

25.8% REHABILITATION & MAINTENANCE ⁴

32.1% NON-RESIDENTIAL

22.7% **NEW HOUSEBUILDING**

29.8%

NORTH AMERICA

15.9%

AFRICA

11.1%

CENTRAL & SOUTH

AMERICA

1 - roads, railways, bridges, tunnels, concrete structures, special foundations, electrical works, water supply, wastewater treatment, works on maritime or river sites 2 - offices, hospitals, hotels, schools, industrial buildings 3 - individual dwellings, apartment blocks, social housing, schemes 4 - in housing

INTERNATIONAL ACTIVITIES **BY DESTINATION ZONES 2017 (IN %)**

25.2% ASIA/OCEANIA/ AUSTRALIA

18% **MIDDLE-EAST**

Source: EIC, volume of turnover 2017



TOTAL CONSTRUCTION OUTPUT 2018 (BLN €)

351 Germany United Kingdom France Italy Spain Netherlands Sweden Poland Belgium Austria Denmark Finland Ireland Czech Rep. Portugal Slovakia Romania Greece Hungary Bulgaria Luxembourd Estonia Lithuania Slovenia Latvia Cyprus Croatia Malta Total EU 1.427 Turkey Norway USA Japan



JOBS IN CONSTRUCTION 2018 (X1000)



TOTAL NUMBER OF ENTERPRISES 2018 (X1000)**ENTERPRISES** Germany

EU 28

3.3

MILLION



Total EU

Turkey

Norway

366	
314	
440	
509	
413	
174	14.8
106	
160	
111	MILLION
36	
33	MODIFDO
41	WORKERS
52	
173	
43	
12	MULTIPLIER EFFECT:
<u> </u>	
101	1 PERSON WORKING IN THE
20	CONSTRUCTION INDUSTRY
20	~
12	≈
8	2 FURTHER PERSONS
18	WORKING IN OTHER
10	
7	SECTORS*
15	
6	* Source: Study for the European Commission
3,332	(DG EMPL) 'Monitoring of sectoral



330

58



employment' (VC/2010/0064 - 2012

OF GDP

EU 28 EU 28 6.4% 29.0% **OF TOTAL OF INDUSTRIAL EMPLOYMENT** EMPLOYMENT