



PROF / TRAC

TECHNOLOGY AND INTERDISCIPLINARY SKILLS PER WORK FIELD

WORK FIELD	ARCHITECTURE	CIVIL ENGINEERING	ELECTRICAL ENGINEERING	MECHANICAL ENGINEERING	BUILDING MANAGEMENT	CONSTRUCTION MANAGEMENT	FINANCING & PROCUREMENT	
Reference professions	Architect	Civil Engineer	Electrical Engineer	Mechanical Engineer	Facility Manager	Project Manager	Procurer	
		Construction Engineer	ICT Engineer	Building Automation Engineer	Technical Energy Engineer	Cost Engineer	Project Developer	
		Structural Engineer		Energy Engineer	Operator	Quality Assurance		
EM	ENERGY MANAGEMENT							
EM1	Smart grid systems	2	1	5	3	3	2	1
EM2	Domotic systems	2	1	4	4	3	2	1
EM3	Building management systems	2	1	4	5	3	2	1
EP	ENERGY PRODUCTION (on-site and nearby renewable energy production and off-site renewable energy)							
EP1	Geothermal energy	2	2	3	4	2	2	1
EP2	Biomass	2	2	3	4	2	2	1
EP3	Biogas	2	2	3	4	2	2	1
EP4	District heating and cooling	2	2	3	4	2	2	1
EP5	Heatpumps	2	2	3	5	2	2	1
EP6	Solar power systems for electricity generation	3	3	5	4	2	2	1
EP7	Solar thermal systems for cooling generation	2	2	3	5	2	2	1
EP8	Solar thermal systems for domestic hot water and/or heating generation	2	2	3	5	2	2	1
EP9	Mini wind power	3	3	4	3	2	2	1
EP10	Combined Heat and Power (CHP)	2	2	4	4	2	2	1
ER	ENERGY REDUCTION of construction							
ER1	Insulation	5	4	1	2	1	3	2
ER2	Air tightness building	5	4	1	2	1	3	2
ER3	Micro climates	4	3	1	2	1	3	2
ER4	Envelope systems	5	4	1	2	1	3	2
ER6	Window and/or glazing systems	4	4	1	2	1	3	2
ER	ENERGY REDUCTION of installations							
ER5	Hot water systems	3	2	3	4	2	3	2
ER7	Heating and cooling emission systems	3	2	3	5	2	3	2
ER8	Electric heating systems	3	2	4	4	2	3	2
ER9	Artificial lighting systems	3	2	5	3	2	3	2
ER10	Ventilation systems	3	2	3	4	2	3	2
IS	SUSTAINABLE INTEGRATED DESIGN							
IS5	Sustainable architectural design	5	4	3	3	2	2	2
IS6	Integrated design	5	4	4	4	3	3	3
IS7	Sustainable building materials	5	4	3	3	3	3	2
IS8	Sustainable installation materials	3	3	4	4	3	3	2
IS9	Environmental (indoor) quality	4	3	4	4	3	3	2
IS	INTERDISCIPLINARY SKILLS							
IS1	Communication	4	3	3	3	3	5	4
IS2	Information management	5	3	3	3	3	5	4
IS3	Collaboration	4	4	4	4	4	4	4
IS4	Quality assurance	4	3	3	3	3	4	3
IS10	Economics	4	3	3	3	3	5	4
IS11	Procurement	4	3	3	3	3	4	5