

Vijeće arhitekata Europe i arhitektonska struka u Europi



DUBRAVKO BAČIĆ, član UO
Vijeće arhitekata Europe (ACE)

āīē-āīē.eu

VIJEĆE ARHITEKATA EUROPE (ACE)

- > 27 države članice + 6 pridruženih država članica + 3 poseban status
- > 620.000 arhitekata u 36 država
- > 52 organizacije članice – nacionalne strukovne organizacije i profesionalna udruženja u državama članicama EU, državama pristupnicama i državama s posebnim statusom (NO, CH, UK)

TIJELA I ORGANIZACIJA

- > Generalna skupština (2x godišnje)
- > Predsjednik i Upravni odbor (11 članova, 2-godišnji mandat)
- > Sekretarijat (ACE ured u Bruxellesu)
- > 4 tematska područja > tematske radne grupe (12+2)

MISIJA I CILJEVI ACE-a

- > Promoviranje arhitekture kao discipline i kvalitete izgrađenog okoliša
- > Promicanje ciljeva i standarda održivog razvoja u izgrađenom okolišu
- > Promicanje najviših standarda obrazovanja i stručnih kvalifikacija arhitekata
- > Unaprjeđenje i promicanje kvalitete arhitektonskih usluga
- > Podržavanje prekogranične suradnje, profesionalne mobilnosti i europskih praksi
- > Zastupanje arhitektonske struke u Europi

PODRUČJA RADA

- > Pristup profesiji (*Acces to the Profession*)
- > Praksa (*Practice of the Profession*)
- > Kvaliteta u arhitekturi (*Quality in Architecture, Baukultur*)
- > Istraživanje i razvoj (*Research & Development, EU projekti*)

GENERAL ASSEMBLY

52 Member Organisations / 36 Countries

SECRETARIAT
Secret. General + 7

EXECUTIVE BOARD
President + 10

**FINANCE
COMMITTEE**

Executive Board Think Tank / "The Blue Box"

AREA 1 **Access to the Profession**

Professional
Qualifications

Regulatory
Issues

MRAs / Trade

Schools

AREA 2 **Practice of the Profession**

Digitalisation

Public Proc. & ADCs

Internat. & Business
Models

Women & EDI

AREA 3 **Achieving Quality**

Envir. &
Sustainability

Urban & Heritage
Issues

Housing

AREA 4 **Research & Development**

EU-funded
projects

NEB

External
Relations

PRISTUP PROFESIJI (TA1)

- > Professional Qualifications Directive, Professional Practice Experience and Continuing Professional Development (PQD-PPE-CPD)
- > Regulatory Questions and Issues & Services in the Internal Market (RQI)
- > Schools Program
- > Trade in Services

PRAKSA (TA2)

- > Public Procurement & Architectural Design Competitions
- > Scope of Services and Liability & Insurance
- > Building Information Technology (BIM)
- > Internationalization & New Business Models
- > Women in Architecture

KVALITETA U ARHITEKTURI – *Baukultur* (TA3)

- > Environmentally Sustainable Architecture
- > Urban Issues
- > Housing

ISTRAŽIVANJE I RAZVOJ – EU projekti (TA4)

- > New European Bauhaus
- > EU Research Projects

NAJVAŽNIJE TEME

> Regulatory conditions
for Practice

> Regulation

> Procurement

> Mobility/ internationalization

> Green Deal

> Value of Architecture

> Quality of Public Space

> Affordable Housing

> Digitalization

**ACE
POLICY
POSITION**
2016

THE ROLE
OF ARCHITECTURE
IN ENERGY EFFICIENT
CONSTRUCTION

 ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

**ACE
POLICY
POSITION**
2016

URBAN REGENERATION:
RENOVATING
THE EXISTING
BUILDING STOCK

 ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

**ACE
POLICY
POSITION**
2016

QUALITY-BASED
PUBLIC PROCUREMENT

 ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

**ACE
POLICY
POSITION**
2016

THE IMPORTANCE OF
LIFE-LONG LEARNING
AND THE ROLE OF
THE PROFESSION
IN DELIVERING
CONTINUING
PROFESSIONAL
DEVELOPMENT (CPD)

 ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

**ACE
POLICY
POSITION**
2016

DISSEMINATION
OF ARCHITECTURAL
CULTURE

 ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

**ACE
POLICY
POSITION**
2016

OPTIMISING
PROFESSIONAL
MOBILITY

 ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

**ACE
POLICY
POSITION**
2016

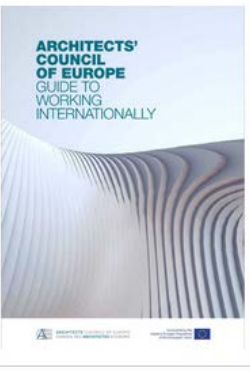
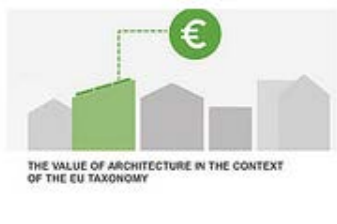
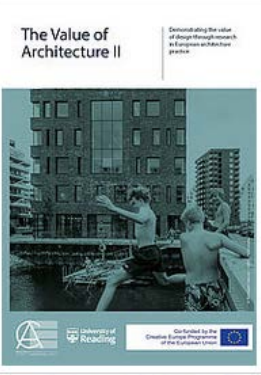
REGULATION
OF ARCHITECTS

 ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

**ACE
POLICY
POSITION**
2016

SUPPORT FOR
THE NEGOTIATION
OF BINDING MUTUAL
RECOGNITION
AGREEMENTS (MRAs)

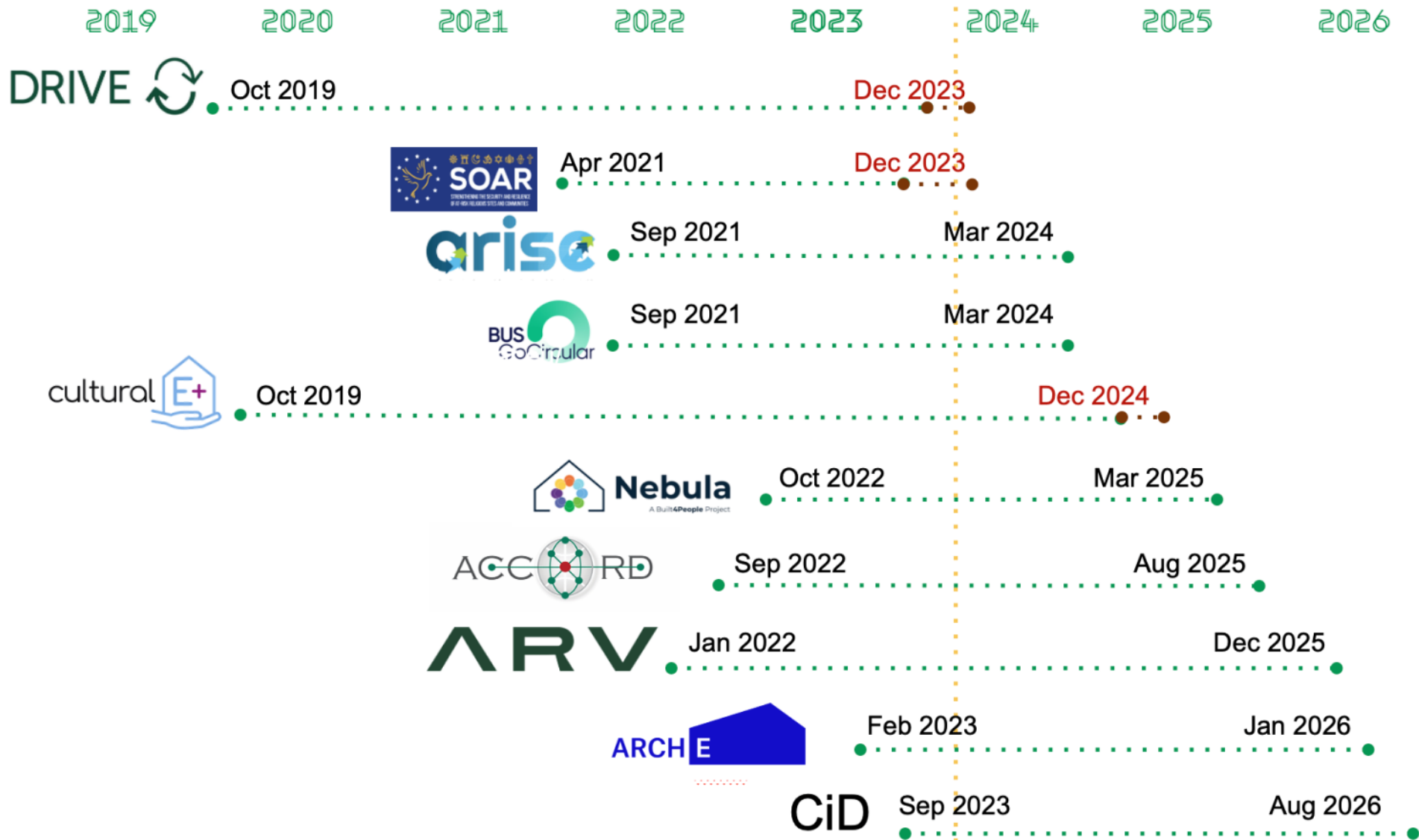
 ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE



<https://www.ace-cae.eu/activities/publications/>



Završeni EU projekti



Tekući EU projekti

ACE KONFERENCIJE

- > NEB: Upskilling x (Education + Practice), ACE-EAAE Conference, Bruxelles, 2023
- > Architects for Innovation, AI Conference, Bruxelles, 2022
- > Climate Change & Built Heritage, Bruxelles, 2021
- > Perspectives: Young Architects' Forum, Barcelona, 2019
- > ACE-UIA International Conference on Design Competitions, Pariz, 2019
- > How to Achieve Quality in the Built Environment: Quality assurance tools and systems, Innsbruck, 2019
- > Adaptive Re-Use and Transition of the Built Heritage, Leeuwarden, 2018
- > BIM in Europe, Bruxelles, 2017
- > Education and Practice – The future architect, Rim, 2017

NAGRADE

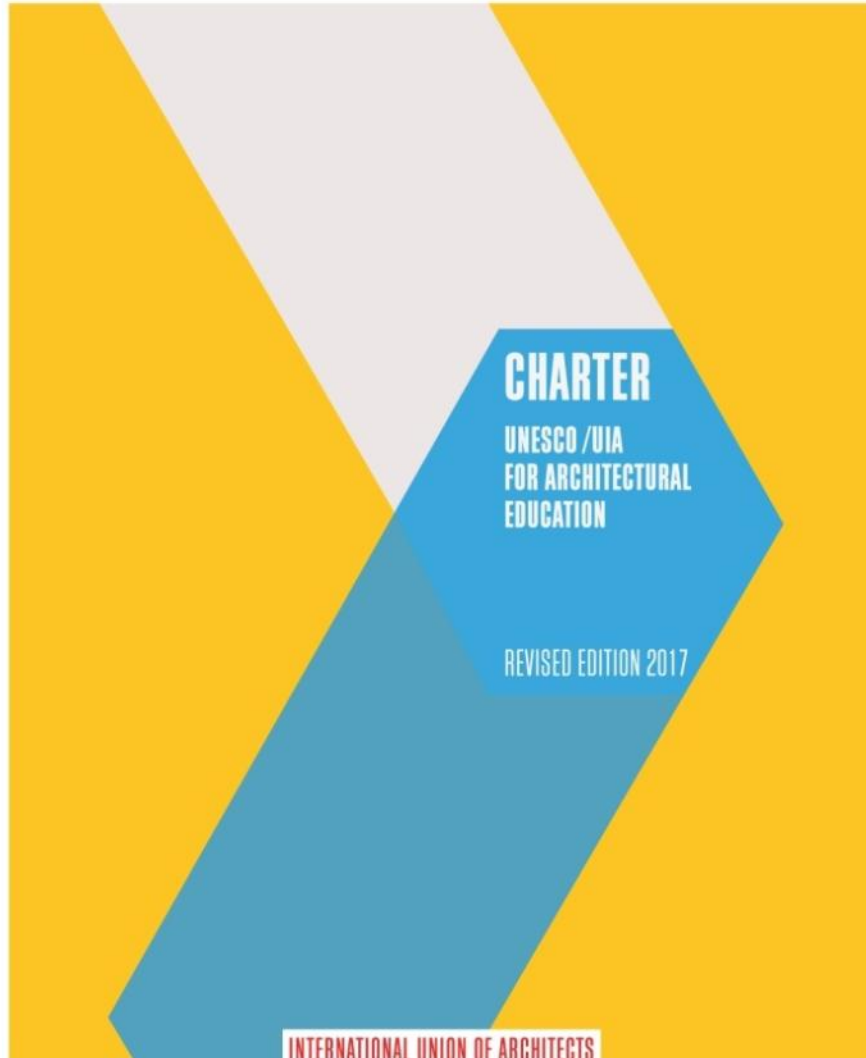
- > YTAA Nagrada, MvdR Fondacija, bijenalna, od 2018
- > ACE-EAAE-IMU Nagrada za najbolji diplomski rad, 2015-2017

PODRUČJA RADA

- > **TP 1 – Pristup profesiji**
- > TP 2 – Praksa
- > TP 3 – Kvaliteta u arhitekturi (*Baukultur*)
- > TP 4 – Istraživanje i razvoj (EU projekti)

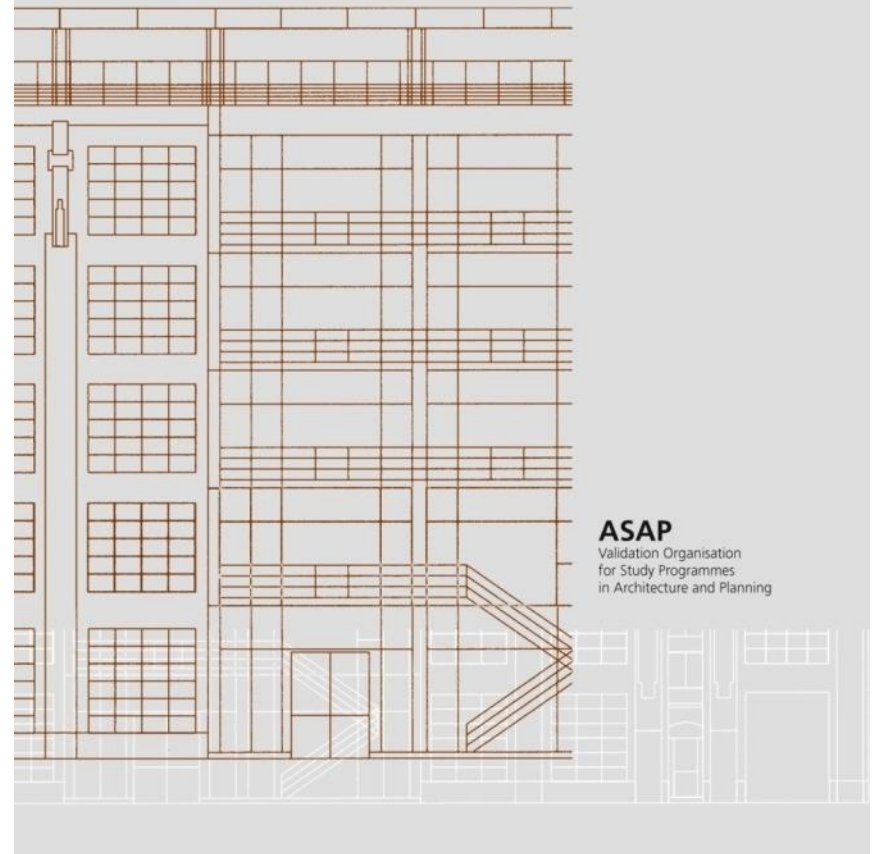
TP1 PRIORITETI:

- > *promote the highest standards of education and training in architecture (Europe and beyond)*
- > *simplify and boost the cross-border mobility of the architectural profession (EU and internationally)*
- > *facilitate the establishment and service provision of architects across Europe*
- > *promote the importance of practical experience and life-long learning*



Criteria for the accreditation of degree courses in Architecture with Qualification Framework Architecture

Seventh edition, 10 Oktober 2021





Osposobljavanje arhitekata

1. Osposobljavanje arhitekata obuhvaća:
 - (a) ukupno najmanje pet godina redovnog studija na sveučilištu ili usporedivoj obrazovnoj ustanovi, koje se završava uspješno položenim ispitom sveučilišnog tipa; ili
 - (b) najmanje četiri godine redovnog studija na sveučilištu ili sličnoj obrazovnoj ustanovi, koje se završava uspješno položenim ispitom sveučilišnog tipa, uz priloženu potvrdu o završetku dvogodišnjeg stručnog pripravničkog staža u skladu sa stavkom 4.
2. Arhitektura mora biti glavni element studija iz stavka 1. Studij uravnoteženo pokriva teoretske i praktične aspekte arhitektonskog osposobljavanja i osigurava stjecanje najmanje sljedećeg znanja, vještina i kompetencija:
 - (a) sposobnost arhitektonskog projektiranja koje ispunjava estetske i tehničke zahtjeve;
 - (b) odgovarajuće poznavanje povijesti arhitekture i teorija te povezanih umjetnosti, tehnologija i društvenih znanosti;
 - (c) poznavanje lijepih umjetnosti kod utjecaja na kvalitete arhitektonskog projektiranja;
 - (d) odgovarajuće poznavanje urbanizma, planiranja i vještina uključenih u proces planiranja;
 - (e) razumijevanje odnosa između ljudi i građevina, između građevina i njihovog okruženja te razumijevanje potrebe da se građevine i prostori međusobno prilagode ljudskim potrebama i mjerama;
 - (f) razumijevanje profesije i uloge arhitekta u zajednici, posebno kod pripreme idejnih osnova koje uvažavaju društvene čimbenike;
 - (g) razumijevanje metoda istraživanja i metoda za pripremu idejnog plana projekta;
 - (h) razumijevanje strukturnih, arhitektonskih i građevinskih problema povezanih s građevinskim planiranjem;
 - (i) odgovarajuće poznavanje fizikalnih problema i tehnologija te funkcije zgrada kako bi njihova unutrašnjost pružala udobnost i zaštitu od klimatskih utjecaja u okviru održivog razvoja;
 - (j) potrebne vještine projektiranja, koje omogućuju ispunjavanje zahtjeva korisnika u okviru granica određenih troškovnim čimbenicima i građevinskim propisima;
 - (k) odgovarajuće poznavanje djelatnosti, organizacije, propisa i postupaka koji su uključeni u realizaciju projektnih osnova i za povezivanje planova u sustav cjelovitog prostornog planiranja.
3. Broj godina akademskog studija iz stavaka 1. i 2. može osim toga biti izražen istovjetnim brojem ECTS.
4. Stručni pripravnički staž iz stavka 1. točke (b) odvija se tek nakon završene prve tri godine studija. Najmanje godina dana stručnog pripravničkog staža je nadogradnja znanja, vještina i kompetencija stečenih tijekom studija iz stavka 2. Stoga se stručni pripravnički staž odvija pod nadzorom osobe ili tijela koja su nadležna tijela države članice domaćina za to ovlastila. Takav nadzirani pripravnički staž može se odvijati u bilo kojoj zemlji. Stručni pripravnički staž ocjenjuje nadležno tijelo u državi članici domaćinu.

Direktiva o priznavanju stručnih kvalifikacija

of degree courses

re



ASAP
Validation Organisation
for Study Programmes
in Architecture and Planning

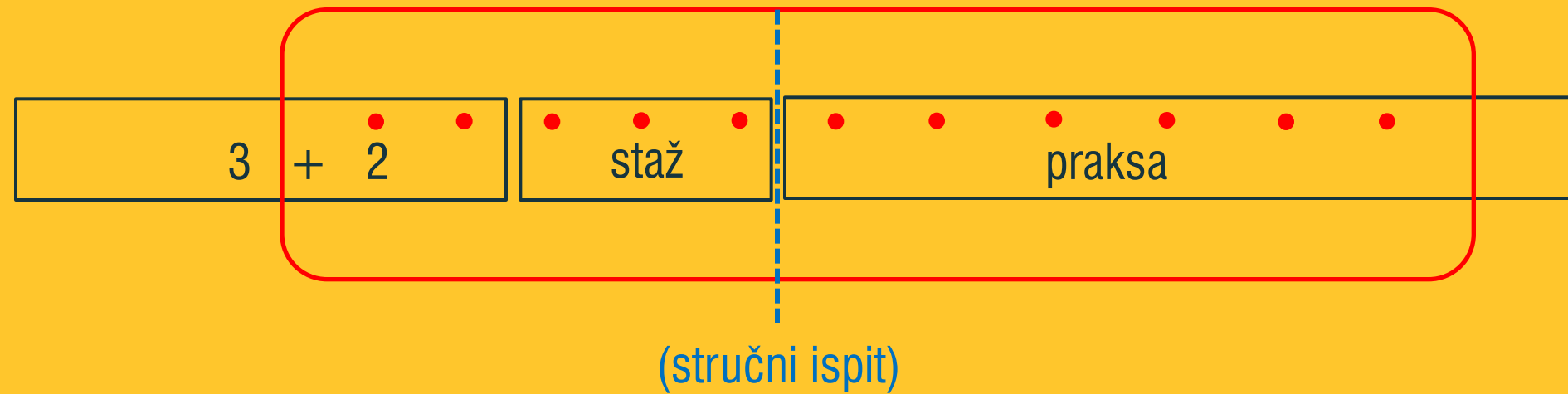
▼ **M14**

Država	Dokaz o formalnoj osposobljenosti	Tijelo koje dodjeljuje dokaz o kvalifikacijama	Svjedodžba priložena uz dokaz o kvalifikacijama	Referentna akademska godina
		Ecole nationale supérieure d'architecture de Montpellier (Ministère chargé de l'architecture et ministère chargé de l'enseignement supérieur)		2006/2007
	Diplôme d'architecte INSA de Strasbourg équivalent au diplôme d'Etat d'architecte conférant le grade de master (parcours d'architecte pour ingénieur)	Institut national des sciences appliquées de Strasbourg (INSA) (Ministère chargé de l'architecture et ministère chargé de l'enseignement supérieur)	Habilitation de l'architecte de l'INSA à exercer la maîtrise d'œuvre en son nom propre équivalent à l'HMONP, délivrée par le ministère chargé de l'architecture	2005/2006
Hrvatska	Magistar/Magistrice inženjer/inženjerka arhitekture i urbanizma	Sveučilište u Zagrebu, Arhitektonski fakultet	Diploma; Dopunska isprava o studiju; Potvrda HKA da podnositelj zahtjeva ispunjava kvalifikacijske uvjete	2005/2006
	Magistar/magistra inženjer/inženjerka arhitekture i urbanizma	Sveučilište u Splitu – Fakultet građevinarstva, arhitekture i geodezije	Potvrda Hrvatske komore arhitekata da podnositelj zahtjeva zadovoljava uvjete za upis u komoru.	2016/2017

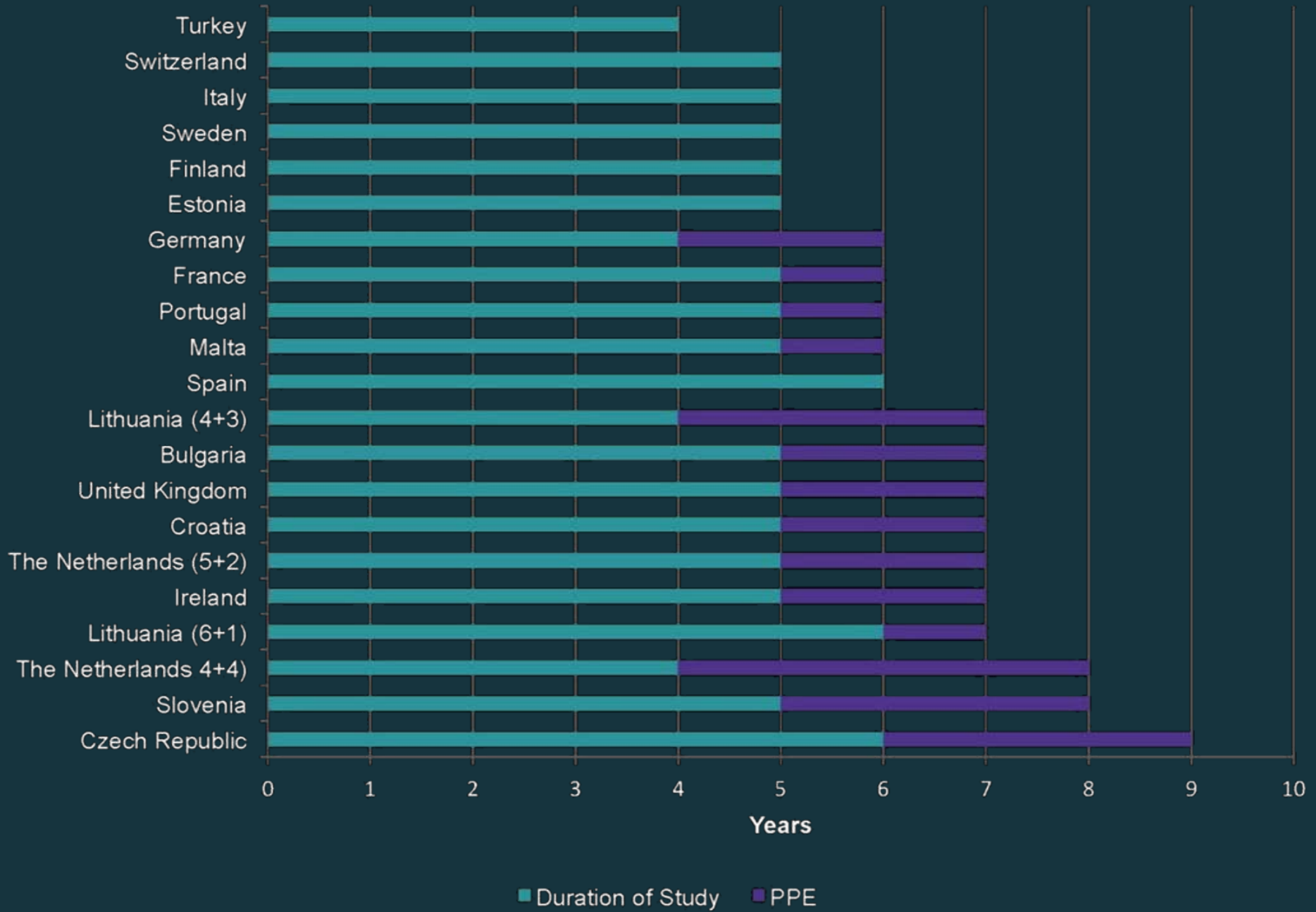
ACE policy o školovanju, stručnom stažu i cjeloživotnom obrazovanju (SSU)

- > 5 godina redovitog visokoškolskog studija + 2 godine obaveznog stručnog staža kao europski standard (PQD minimum 5+0, 4+2)
- > obavezno stalno stručno usavršavanje (ACE CPD Registar i Policy Paper)
- > automatski sustav priznavanja kvalifikacija
- > sloboda prekograničnog poslovnog nastana (cross-registration)

Cjeloživotno obrazovanje



Trajanje studija i obaveznog stručnog staža (2017.)



ACE - ENACA, Stanje pristupa profesiji, 2021.

U većini EU zemalja:

- > akreditaciju sveučilišta i studijskih programa provode državne agencije
- > kompetentna tijela utječu na studijske programe
- > stručni pripravnički staž je obavezan prije potpunog i samostalnog pristupa profesiji

U nekim EU zemljama:

- > pristup profesiji je moguć i nakon 4 godine visokoškolskog obrazovanja
- > manje od 30% studenata naposljetku doista i stekne uvjete za pristup profesiji

HOW TO BECOME AN ARCHITECT ?



HOME > ACCESS TO THE PROFESSION > HOW TO BECOME AN ARCHITECT > CROATIA

CROATIA

Access to the profession: How to become an architect in this country ?



Entrance examination	YES
Academic training	Study at university level: 5 Years : Baccalaureate 3 years + Masters 2 years.
Qualified as	Architect
Professional training needed?	YES
If yes How much time	2 years
Comments	Professional examination administered by the Ministry of Physical Planning and Construction

ACE Sektorska studija, bienalna, od 2008. g.



The Architectural Profession in Europe

2022 Sector Study

aiCE



COUNTRIES PARTICIPATING IN THE 2022 SURVEY



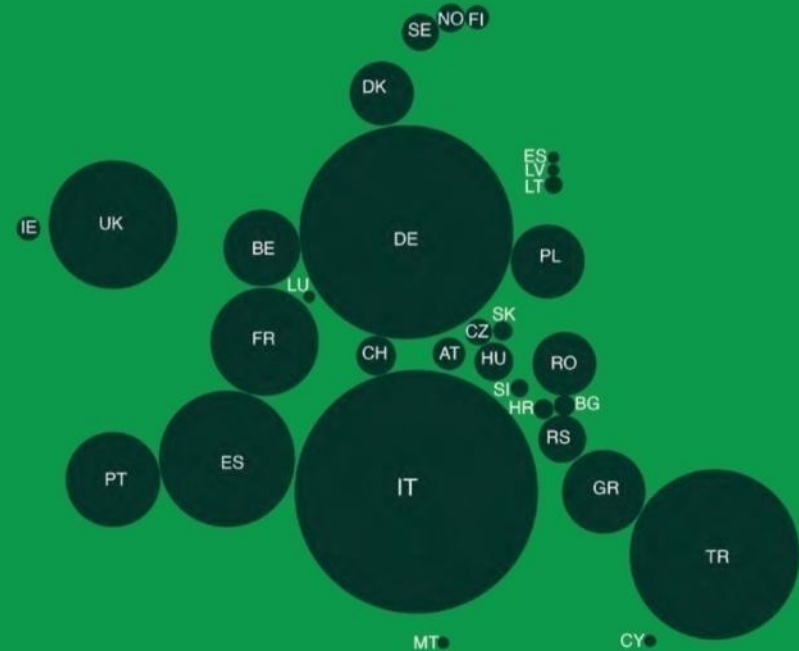
620 000 architects in Europe

Numbers continue to grow

This equates to one architect for every 1 000 people in Europe

Italy, Germany and Turkey dominate

More than half of Europe's architects are from just three countries





620 000

Total number of architects



46%

Female architects



32%

Aged under 40



82%

Employed full-time



24%

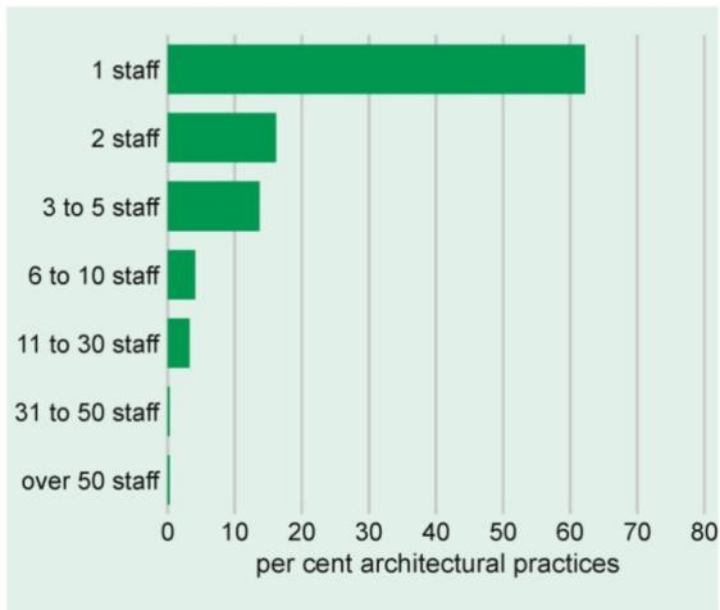
Employees in private practice



47%

Partners, Directors,
Sole Principals

PRACTICES ANALYSED BY SIZE



PROPORTION OF PRACTICES HAVING A FORMAL ASSOCIATION WITH ANOTHER PRACTICE

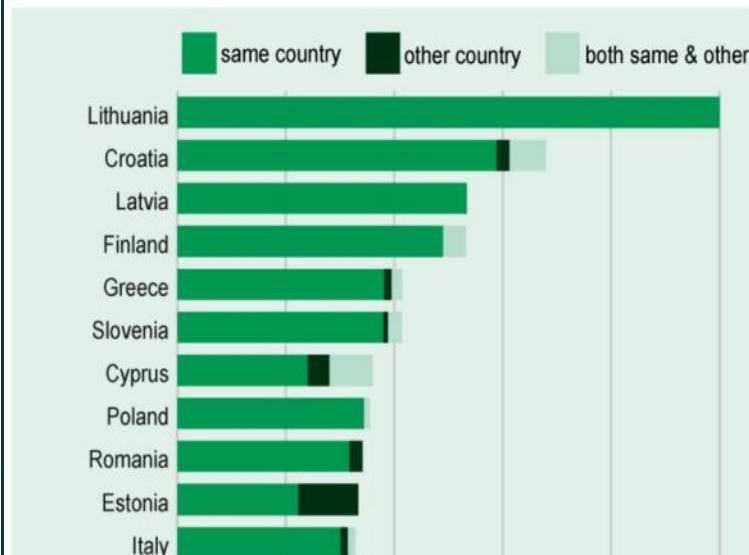
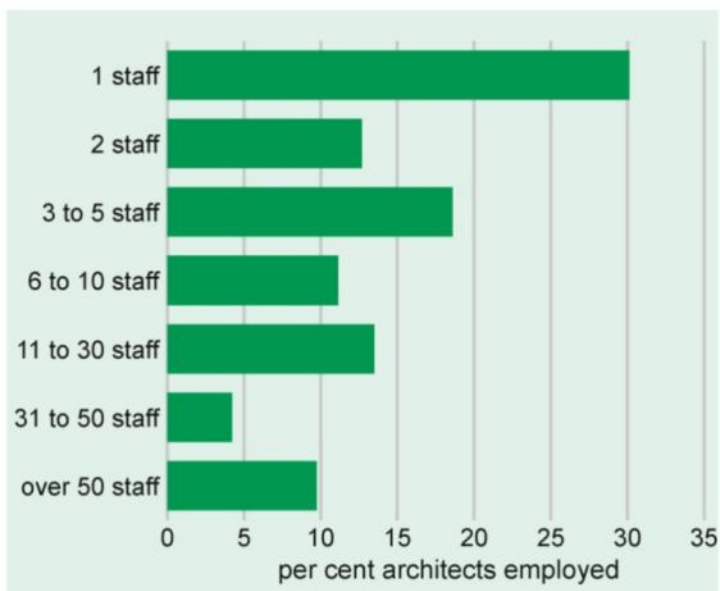
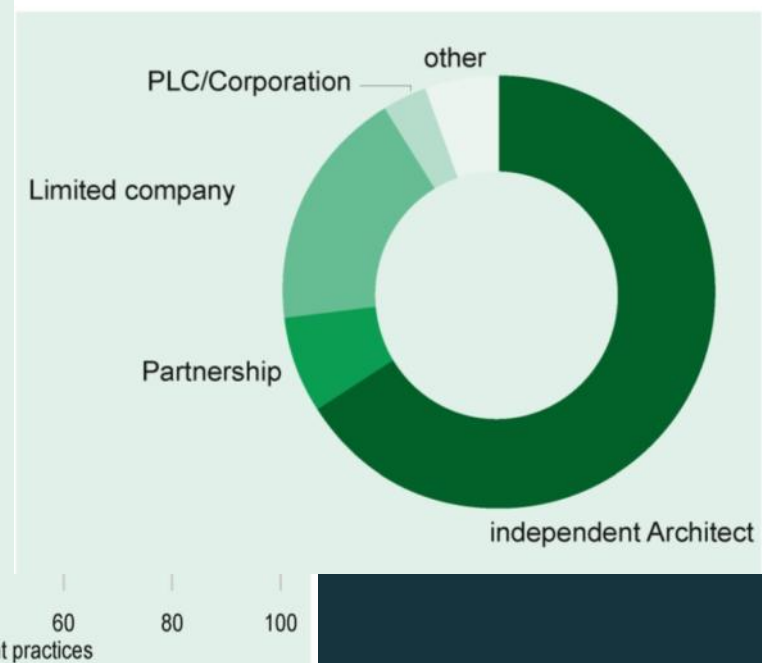
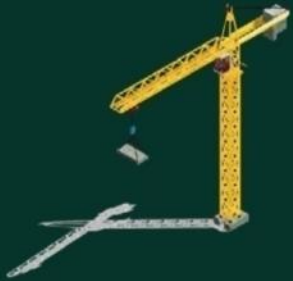


CHART 3-4 PROPORTION OF ARCHITECTS EMPLOYED IN PRACTICES OF DIFFERENT SIZES



TYPE OF ARCHITECTURAL BUSINESSES





€2513 billion
Value of construction market



€21 billion
Value of architectural market



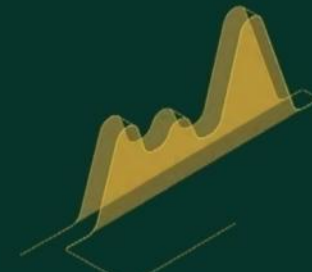
+24%
Market increase since 2020



56%
Private housing work



62%
Building design work



-10
Future sentiment is not confident

Architects produce €21 billion worth of work

Architects contribute €21 billion to Europe's economy

Total value of private practice fee income.
Up by 24% since 2020.

Sustainable architecture

46% of architects 'frequently' design Low Energy buildings.

Private housing is the most important sector

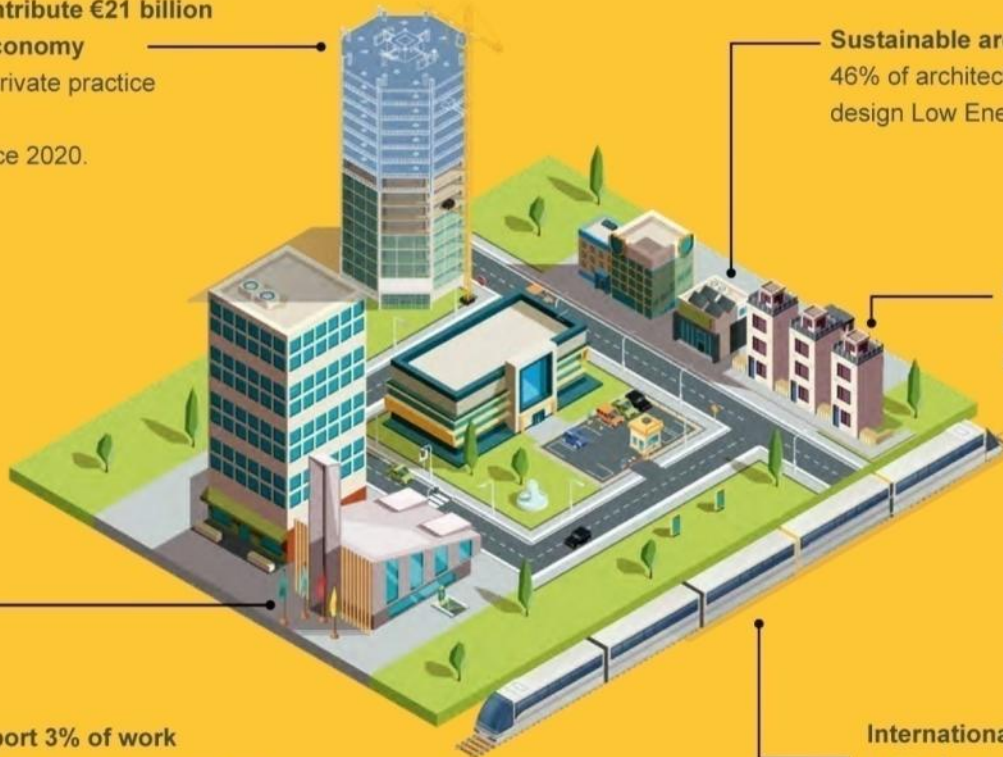
89% of architectural practices are involved in designing private housing which provides 56% of average practice turnover.

Architects export 3% of work

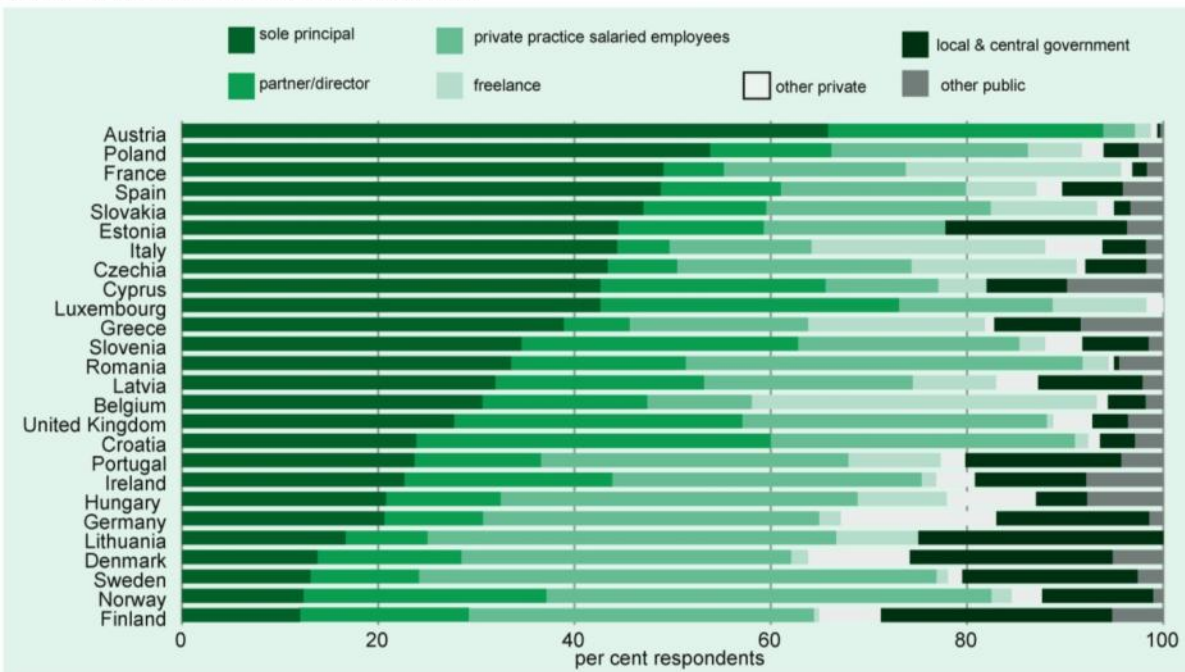
Proportion of work which is international.

International perspective

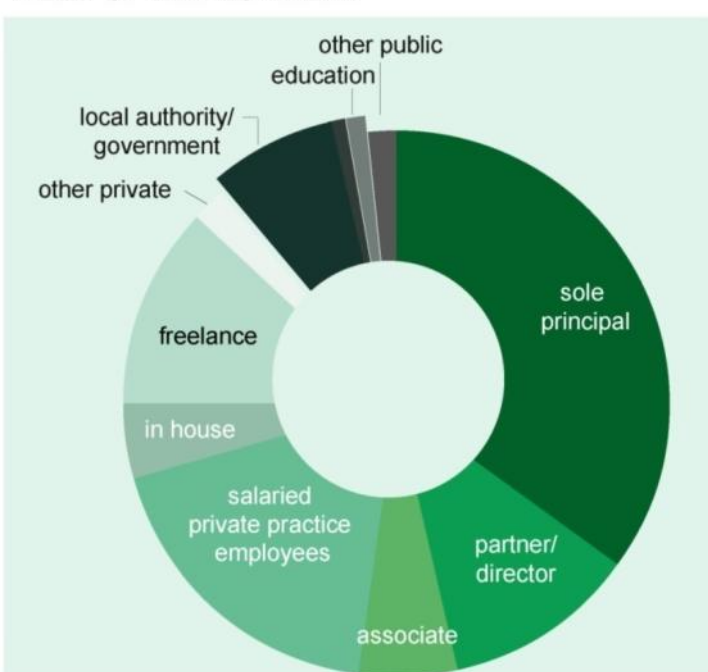
21% of architects were educated in another country. 19% have seriously considered working in another country.



MAIN EMPLOYMENT FIELD BY COUNTRY



FIELD OF EMPLOYMENT





150 000

Total number of practices



€237 000

Average revenue per practice
3-5 staff size



€65

Hourly rate for
Partners & Directors



7%

Of practices work
in another European country
last 12 months



92%

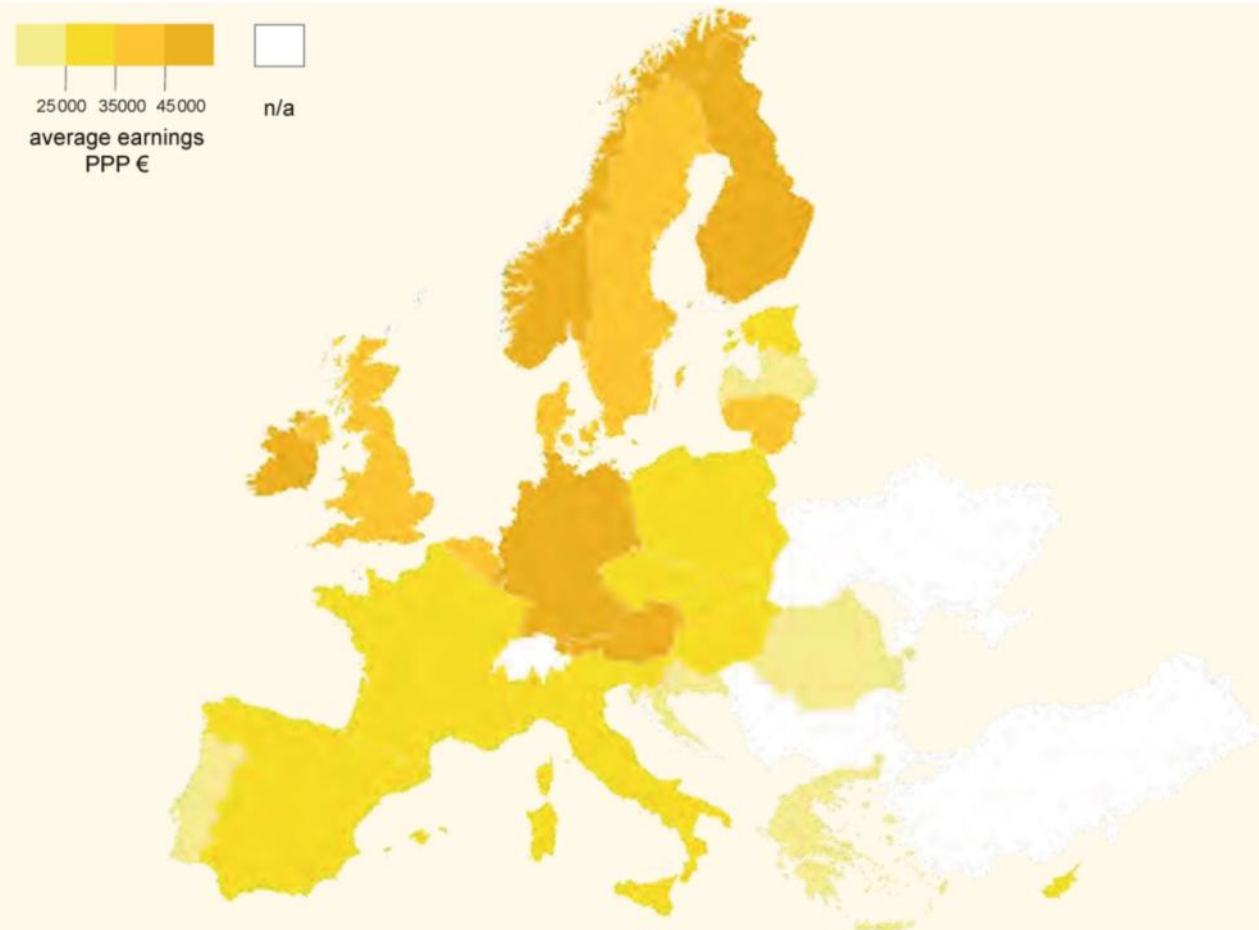
Of practices have
Professional Indemnity Insurance



42%

Success rate for
public sector Architectural
Design Competitions

RANGE OF AVERAGE PRE-TAX EARNINGS FOR ALL FULL-TIME ARCHITECTS ADJUSTED FOR PPP



AVERAGE PRE-TAX EARNINGS ALL FULL-TIME ARCHITECTS ADJUSTED FOR PURCHASING POWER PARITY (PPP)





+6%

Average earnings have increased



€46 800

Average earnings for
Partners & Directors



47

Weekly hours worked
by Partners & Directors



21%

Studied in another country



7%

Worked in another European
country
in the last 12 months



20

Hours CPD per year

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	4 398 150	4 246 700	4 190 669	4 105 493	4 058 165	4,036,355
GDP PIB € m	44 892	43 128	43 847	48 990	53 937	57,200
GDP/PIB head/habitant €	10 207	10 156	10 463	11 933	13 291	14,171
Construction € m	n/a	n/a	6 207	6 046	5 931	7,638

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	2 250	2 200	2 200	2 200	2 700	2,800
% Male Homme	45	47	41	46	38	45
% Female Femme	55	53	59	54	62	54
% <40 years <40 ans	31	44	40	33	41	35
Practices Bureaux	835	778	695	698	831	903

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	50	45	55	60	60	79
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	74 660	51 000	110 403	56 610	34 416	53,438
6 - 10 persons personnes	160 050	157 775	141 135	523 748	307 049	296,499

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	423	93	318	305	169	620
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	-4.3	9.9	5.1	5.2	7.3	3.5

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	25	25	15	15	22	24
Partners & Directors Associé dirigeant	21	21	21	32	24	36
Private practice Salaried Salarié – Secteur privé	36	42	39	38	44	31
Private in-house L'industrie / commerce	0	0	2	1	0	1
Freelance Indépendant	3	1	4	3	3	1
Other Private Autres – Secteur privé	2	2	3	1	3	0
Local / central government Collectivité locale / gouvernement	4	5	7	3	3	4
Other Public Autre – secteur public	8	4	9	7	1	3

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	12 087	15 777	10 392	9 718	18 895	15,876
Partners & Directors Associé dirigeant	11 594	12 293	9 985	13 227	19 233	15,876
Private practice Salaried Salarié – Secteur privé	14 675	11 044	12 498	11 337	13 497	16,538
Private in-house L'industrie / commerce	10 940	n/a	19 304	n/a	n/a	n/a
Freelance Indépendant	16 010	n/a	n/a	n/a	n/a	16,703
Other Private Autres – Secteur privé	14 142	n/a	15 044	n/a	n/a	3,487
Local / central government Collectivité locale / gouvernement	19 212	14 507	13 047	20 245	10 419	20,970
Other Public Autre – secteur public	13 341	n/a	17 680	6 748	n/a	21,256

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA



Architects' Council of Europe
 Conseil des Architectes d'Europe
 Rue Paul Emile Janson, 29, B -1050 Brussels
 +32 2 543 11 40, info@ace-cae.eu

