

# Implementation of Article 16 EED

Workshop on Articles 7, 8 and 16 of the  
European Union Energy Efficiency  
Directive (EED) with focus on industry



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

**Austrian Energy Agency (AEA)**

Gregor Thenius | 6<sup>th</sup> June 2018, Tbilisi

# Overview Article 16

# Article 16: Availability of qualification, accreditation and certification schemes

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Target: to secure

- level of technical competence
- objectivity
- reliability

for: (1) providers of energy services, (2) energy audits, (3) energy managers and (4) installers of energy-related building elements

Introduce (if necessary):

Certification and/or accreditation schemes and/or equivalent qualification schemes, including, where necessary, suitable training programmes



# Article 16: Availability of qualification, accreditation and certification schemes

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## Schemes introduced

- provide transparency to consumers
- are reliable
- contribute to national energy efficiency objectives

## Member States have to

- make publicly available these schemes
- cooperate among themselves and with the Commission on comparisons between, and recognition of, the schemes
- take appropriate measures to make consumers aware of the availability of qualification and/or certification schemes

# Implementation of Article 16 in Member States

## Art 16 implementation | Main observations

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Generally quality in Member States is seen to be high – however there are many qualification/accreditation and certification schemes in place across a range of areas, the most common:

- energy auditors (13 MS)
- providers of energy services (10 MS)
- 14 Member States have chosen mandatory schemes instead of voluntary schemes.
- Person certification is more common than company certification
- 13 Member States require a combination of practical and theoretical examinations
- 7 Member States are currently (or are planning to) cooperating with other Member States as regards the recognition of their scheme. This points at the importance of cross border collaboration.



# Examples from Member States

# Austria: Quality assurance of energy service providers

- Qualified Energy service providers are required to register - a list of qualified energy service providers is made publicly available at [www.monitoringstelle.at/index.php?id=708](http://www.monitoringstelle.at/index.php?id=708)

## Dienstleistungskategorie:

Die bestehenden Qualitätskriterien und das Register umfassen vorerst nur *Energieaudatoren*. Die Kriterien werden künftig erweitert und auf andere Energiedienstleistungen, wie zum Beispiel *Energieberater*, ausgedehnt.

## Zulassungen:

Interessenten können ihre *Zulassung als externer Energieauditor* in der *Anwendung zum Energieeffizienzgesetz* beantragen. Die Zulassung zur Durchführung anderer Energiedienstleistungen ist aktuell noch nicht möglich.

Im Feld "Ihr Filter" können Sie nach bestimmten Einträgen suchen. Durch einen Klick auf z.B. "Ort" wird die Liste entsprechend der Spalte "Ort" alphabetisch geordnet.

1

## Energiedienstleistungen

### Schritt 1:

Externe Energieaudits

Wählen Sie eine Dienstleistungskategorie:

2

## Externe Energieaudits

### Schritt 2:

Gebäude

Prozesse

Transport

Wählen Sie einen Bereich in der jeweiligen Dienstleistungskategorie:

Register-Nr.	Nachname	Vorname	Titel	Unternehmen	PLZ	Ort	Land	E-Mail	Website	Externe Energieaudits
Ihr Filter	Ihr Filter	Ihr Filter	Ihr Filter	Ihr Filter	Ihr Filter	Ihr Filter	Ihr Filter	Ihr Filter	Ihr Filter	Ihr Filter
A1607012	Adelsmayer	Klaus	Ing. DI(FH), MSc.	Endress+Hauser GmbH	1230	Wien	AT	klaus.adelsmayer@at.endress.com	<a href="#">Website</a>	Prozesse
A1604001	Aichinger	Peter	MSc.	SYNECO tec GmbH	6067	Absam	AT	peter.aichinger@syneco-group.com	<a href="#">Website</a>	Prozesse, Gebäude
A1511009	Alam	Irfan		Ameresco Ltd.	SW1W OAH	London	UK	ialam@ameresco.com	<a href="#">Website</a>	Gebäude
A1506054	Albert	Martina	DI, MSE	Effizienzwerk GmbH	84028	Landshut	DE	m.albert@effizienzwerk-gmbh.de	<a href="#">Website</a>	Gebäude, Prozesse
A1506027	Albring	Michael	DI	Trengelmann Energie GmbH	45478	Mülheim an der Ruhr	DE	malbring@tengelmann-energie.de	<a href="#">Website</a>	Gebäude
A1501008	Almaier	Christian		AllTec Christian Almaier	9640	Kötschach-Mauthen	AT	office@alltec-energie.at	<a href="#">Website</a>	Gebäude, Prozesse



# Austrian energy efficiency act foresees criteria for energy efficiency providers



Well-educated,  
but not experienced

**1** year experience  
in the matter of  
energy efficiency

...in engineering or  
economics with focus  
on energy efficiency

Experienced,  
but not educated

**3** years experience  
in the matter of  
energy efficiency

...with focus on  
energy efficiency  
within 6 months

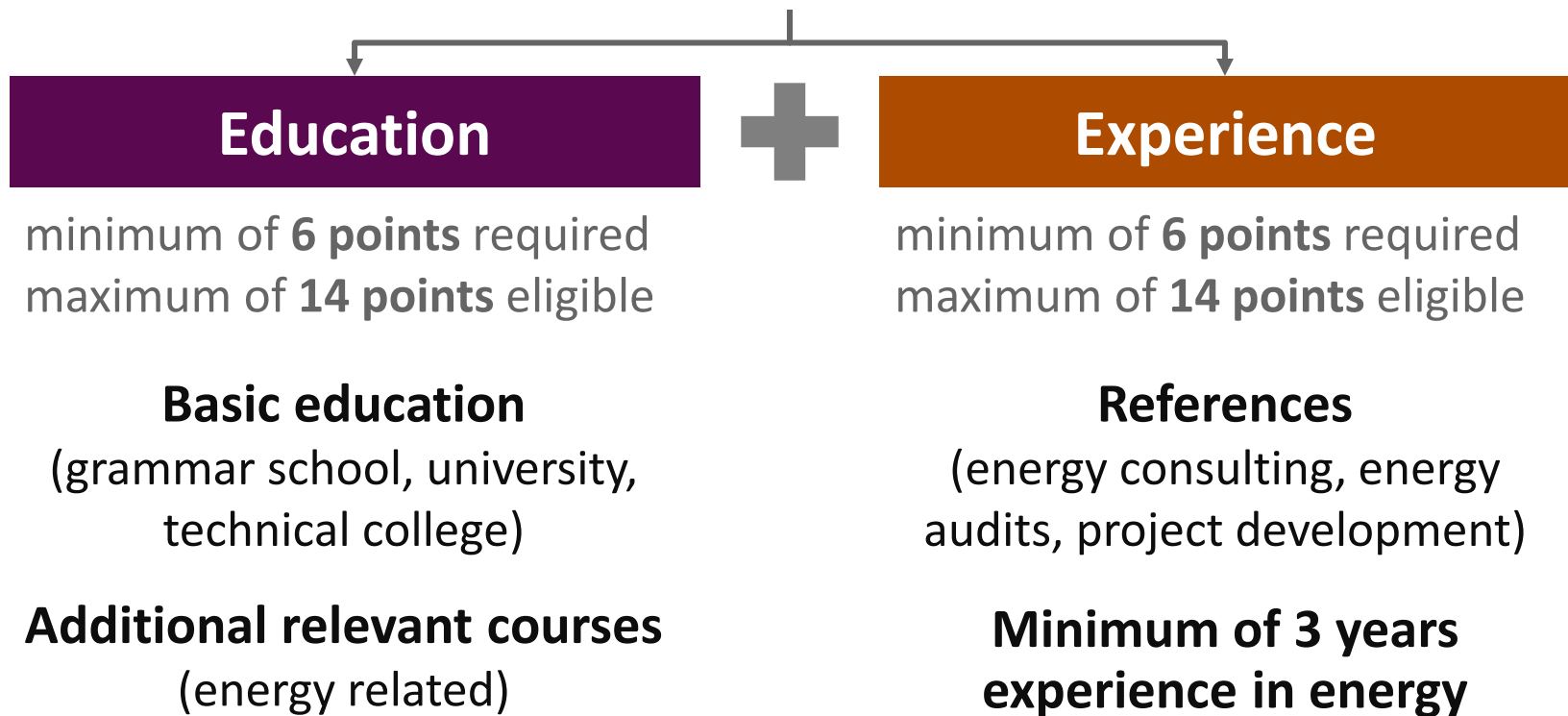


**+** **2** additional years of experience required  
for **energy auditors (Art 8 EED)**



# Austria: Competence of auditors (Art 8 EED) comprises of education and practical experience

## 20 points needed in total



# Austria Process for registration

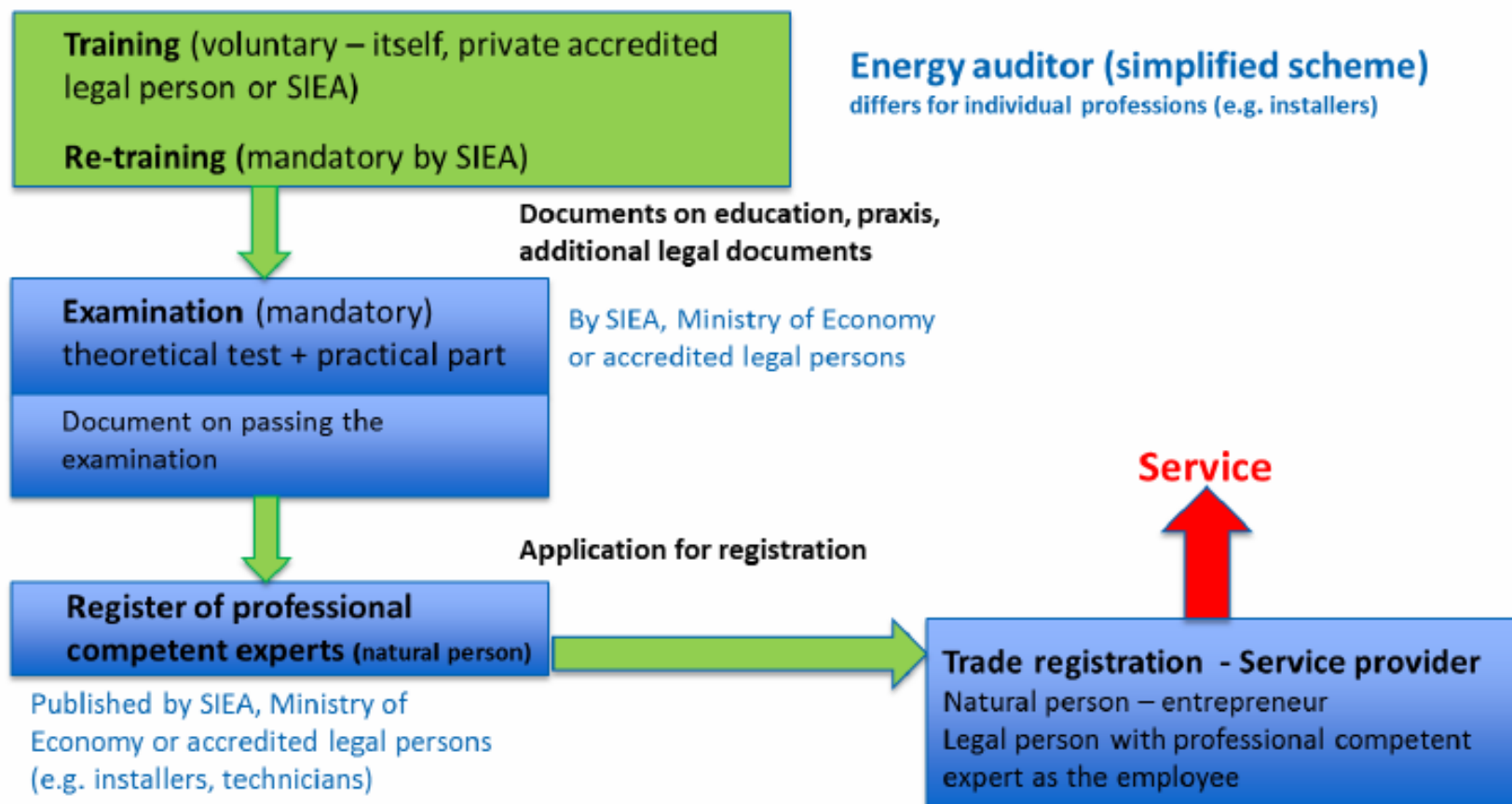
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Application by energy auditor to the National Monitoring Agency  
([www.monitoringstelle.at](http://www.monitoringstelle.at))

- Proofs for education and professional experience
- Proof for legal authority: Either the auditor owns his own consulting company which has the authority to conduct energy audits, or he/she is working for one
- National Monitoring Agency evaluates application and then lists energy auditor in the public registry
- At the moment energy auditors and energy advisors (households, SMEs) can apply – other energy service providers can be listed in the future.



# Slovakia: Example for qualification scheme



## Slovakia: Attracting the professionals

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- Target of registry: to ensure the quality of energy services
- Professionals are aware on their duties / needed knowledge and skills
- Registration is mandatory for specified activities
- Voluntary training and periodic re-training courses are organised regularly
- Potential coupling with state support financial mechanisms (e.g. licensed activity needed for public buildings, EU Structural Funds projects)
- Partially refinanced from state support funds (e.g. voluntary energy audits for SMEs from EE Fund)



# Slovakia: Information to customers

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- Registries are publicly available (Ministry of Economy, links to SIEA website <http://en.siea.sk/>)
- Customers get information on
  - what they get/what to ask,
  - who can provide the service they need
- Supported by an information campaign under the programme „Live with Energy“
- SIEA website – energy advice and information to various groups of customers
- Organisation of workshops and seminars with targeted audience
- Papers in professional and popular magazines and newspapers, TV spots
- Targeted publications and leaflets



## France: RGE Quality label

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RGE stands for “Reconnu Garant de l’Environnement” : recognised guarantee for the environment:

- Voluntary scheme
- Contains a set of quality labels for professionals

First charter signed in 2011 by the main professional organisations, training and certification bodies

The RGE scheme addresses several types of professionals:

- Installation of renewable energy equipment
- Energy efficiency works (new buildings / renovation)
- Studies, consulting, ..., related to EE.



## France: Contents of RGE

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The certificate applies to the company

Mandatory training of the technical manager: a few days (3 to 5), depending on the area

Evaluation of the skills :

- Combination of attendance to a few days of training concluded by a theory evaluation, and practical evaluation in some cases
- References of former achieved works for existing companies

An on-site audit within two years

Valid for 4 years





## France: Value added of RGE

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Voluntary scheme but ...

- RGE Works” certification are mandatory to benefit from soft loans and from tax credits. It is also be required for operations that benefit from white certificates.
- “RGE Study” certifications are mandatory to benefit from subsidies for decision making studies (preliminary study, feasibility study, audits...).

This generates strong demand.

In parallel, the two main organisations for professionals are also promoting their own labels (that are recognised as RGE labels) to their professional members as well as to customers.



## France: Support to obtain RGE

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Training programs to accompany the establishment of RGE

- Funded partly through the white certificates scheme
- Platforms for training professionals are organised at the regional level, mostly with the support of Energy Agency and of the professional organisations.

Other tools to assist professionals

- Publicly and freely available technical guidebooks emphasising quality issues
- Free training courses available online (e-learning).
- Networks of actors created to promote experience sharing and the dissemination of information
- National registry of RGE professionals



## Conclusions – Article 16

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- No direct obligation, but need to show that quality of energy services is sufficient
- Start with the most important energy service providers (e.g. auditors for mandatory energy audits according to Art 8 EED)
- Great variety of solutions – Art 16 leaves flexibility



# Contact

**Gregor Thenius**  
Energy Policy Expert

**Österreichische Energieagentur - Austrian Energy Agency**

[gregor.thenius@energyagency.at](mailto:gregor.thenius@energyagency.at)

Tel +43 (0)1 586 15 24 - 145

Mariahilfer Straße 136 | 1150 Vienna | Austria

[www.energyagency.at](http://www.energyagency.at)

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