

HARP Replication seminar - Poland



**Recommendations for adoption
scenarios in HARP participating
countries and Poland**

13rd of July, online

Labelling of Existing Systems

Before the HARP project started, labelling mechanisms were already in place in Germany, Italy, France and Spain (more details in the next slides).

HARP therefore introduced a "parallel" mechanism.

Since the coexistence of 2 mechanisms creates confusion, each country decided which one to use in the future: the preferred solution is to adapt HARP to local conditions.



Mandatory – Promoted by the Ministry of Economy and Energy through the national energy agency - DENA



Voluntary – Methodology by E&A and COENOVE. Thought for professionals only. No DHW (only liquid fuel and gas boilers)



Voluntary – Methodology by Assotermica. Thought for professionals only. To apply during maintenance. No DHW.



Voluntary – Simplified methodology by FEGECA. To apply during maintenance by professionals.

Effizienzklassen-Rechner

A1 BG 25F

Hersteller:	ROTEX Heating Systems GmbH
Baujahr:	2007
Nennleistung:	25 kW
Brennstoff:	Gas
Kesselgruppe:	Brennwert-Kessel
Kesstyp:	Kessel mit Gebläsebrenner
Effizienzwert:	86 %
Effizienzklasse:	B
Kennzeichnung ab (genaue Regelung siehe §16 und §17 EnVKV):	durch Berechtigte (z. B. Heizungsinstallateure, Schornsteinfeger, Gebäudenergieberater). 2023 durch Verpflichtete (Bezirkschornsteinfeger): 2022



Dieser Darstellung dient lediglich der Orientierung der Effizienzklassen und ersetzt nicht das Heizungslabel. Die Verwendung eines Anstrichs ist ein Verstoß gegen die geltenden Effizienzlabels für Heizungsanlagen nicht zulässig. Die notwendigen selbstklebenden Labels erhalten Berechtigte beim ZSE/BE. Verpflichtete bei ihren Inspektionen.



Adoption of the HARP methodology: the consortium countries' experience

Labelling initiative

Public (Energy Agencies)

Private (Industrial Associations)

Main Recipients

End users

Authorities providing
incentives

Professionals/installers



FRANCE

Existing methodologies and tools

Voluntary – Methodology by E&A and COENOVE. Thought for **professionals** only. **No DHW** (just liquid fuel + gas)

Mon Etiquette Chaudière is based on the approved **European Algorithm** method (UE N°811/2013)

The **industrial associations** promoted and financed the methodology and tool.

HARP in the future

HARP will **replace the existing tool**, since it's more efficient. HARP needs the support of FR industry partners to follow-up

HARPa will be used instead of Mon Étiquette Chaudière. The new application will be called Mon Étiquette Chaudière Chauffage

Contacts ongoing with the French **Directorate General of Energy and Climate** to possibly endorse HARP.



Existing methodologies and tools

Voluntary – Methodology by Assotermica. Thought for **professionals** only. To apply during maintenance. No DHW.

Developed together **with the industry for the industry.**

The **industrial associations** promoted and financed the methodology and tool.

HARP in the future

HARP methodology is **more easily accepted by public entities** (validated by EURAC, endorsed by ENEA)

Etichetta Energetica will be **replaced by HARP.**

Ideas: Potential link to **D.P.R. 74/2013** that has completed the implementation of the EPBD.
Inclusion of HARP training in the existing professional courses (e.g. crediti formativi).



PORTUGAL

Existing methodologies and tools

There is **no existing tool** in Portugal, neither voluntary – **ADENE aims at using HARP at national level.**

ADENE's idea is to **create a framework to offer to the government** to implement HARP methodology

Need for **increase the awareness** of users through engagement activities **explaining retrofitting cobenefits.**

The HARP methodology could be **used to evaluate the requests for incentives** and rank the best interventions requests (in €/kWh saved)

HARP in the future

There is a explicit request from the European Commission in developing **one-stop-shop activities for the EPBD.**

National Long Term Renovation Strategy references HARP as a tool to incentive replacement of existing heating systems.

Recommendations for adoption scenarios for Poland

Boundary conditions:

- Space heating predominantly with coal or gas (coal banned from 2022)
- Widespread TLR (coal)
- Replacement by condensing (42%) and biomass (29%) boilers
- Heat pumps are growing rapidly (16%)
- Obligation of chimney maintenance every 4 years in apartment buildings



Motivation:

- To avoid the user choosing the new heating system based on the most advantageous incentive.
- Put incentive providers in a position to assess whether the end user's request makes sense.

Immediate actions:

- Translate the app into Polish
- Adapt fuel prices and climate conditions

Medium-term actions:

- Make the app suitable for use by incentive providers

HARPa as a tool for final users and professionals for raising awareness of more efficient residential heating solutions.

- **Final users: voluntarily check the label of their boilers and look for potential replacement alternatives (depending on the location)**
- **For professionals: to propose, during the future yearly maintenance procedures, to label the heating system in place and suggest alternatives (not only depending on subsidies currently available).**

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End users



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Conclusions

APPROACHES TO LABELING

- Labelling of existing heating appliances first was adopted in Germany.
- The German experience shows that making this mandatory for professionals is not necessarily a promising approach.
- Industry-driven approaches seem to have a good potential.
- Another likely effective approach is to link the energy label to incentive mechanisms.

FUTURE SCENARIOS

- Besides countries participating in the HARP project, other countries showed interest for this methodology.
- HARP will provide feedbacks to the European Commission, which may or not consider to introduce labelling of existing heating appliances in legislation.
- Possible ways of introducing labelling at EU and national level are:
 - Incentive mechanisms
 - Future recast of EBPD
 - (Digital) Building logbooks
 - One-stop-shop for building renovation
- Important messages to be communicated to end users are not only related to operational savings (economic and energy), but also to health improvement and increased economic value of the building.

Thank you for your attention!



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