

# Webinar - HARP HO2020: per la riqualificazione energetica degli edifici



**Detrazioni fiscali italiane per la riqualificazione  
energetica degli edifici**

***Italian tax deductions for building energy efficiency***

Ing. Enrico Genova, 20 May 2020

Assotermica  
Associazione produttori  
apparecchi e componenti  
per impianti termici

ENEA

eurac  
research

R2M  
RESEARCH TO MARKET  
SOLUTION

 HARP  
Heating Appliances Retrofit Planning

**Ecobonus**

**Bonus casa**

**96,000 €**

**50 % deduction**



Replacement with condensing boilers



Replacement with heat pumps



Biomass boilers



Hybrid heating systems



Micro-cogeneration

## Ecobonus

## Bonus casa

50 % deduction



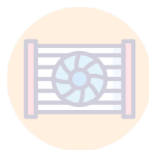
Replacement with condensing boilers  
30,000 €



Replacement with heat pumps



Biomass boilers  
30,000 €



Hybrid heating systems



Micro-cogeneration

## Ecobonus

## Bonus casa

65 % deduction



Replacement with condensing boilers  
30,000 €



Replacement with heat pumps  
30,000 €



Biomass boilers



Hybrid heating systems  
30,000 €



Micro-cogeneration  
100,000 €

2017 – Ecobonus *	Installed units	M€	Savings (GWh/y)
Condensing boilers	65,297	613.5	217.0
Heat pumps	15,439	205.5	54.1
Biomass boilers	4,696	49.7	16.1

2018 – Ecobonus **	Installed units	M€	Savings (GWh/y)
Condensing boilers	63,757	555.0	225.6
Heat pumps	20,542	209.9	48.7
Biomass boilers	4,917	43.4	24.7
Hybrid heating systems	1,713	30.1	4.8

2018 - Bonus casa **	Installed units	Savings (GWh/y)
Condensing boilers	108,377	203.0
Heat pumps	100,453	188.1
Biomass boilers	21,266	68.8
Hybrid heating systems	516	4.0

\* ENEA, 2018. Rapporto annuale detrazioni fiscali del 65%: Dati 2017. ENEA

\*\* ENEA, 2019. Rapporto Annuale Detrazioni Fiscali 2019: Dati 2018. ENEA

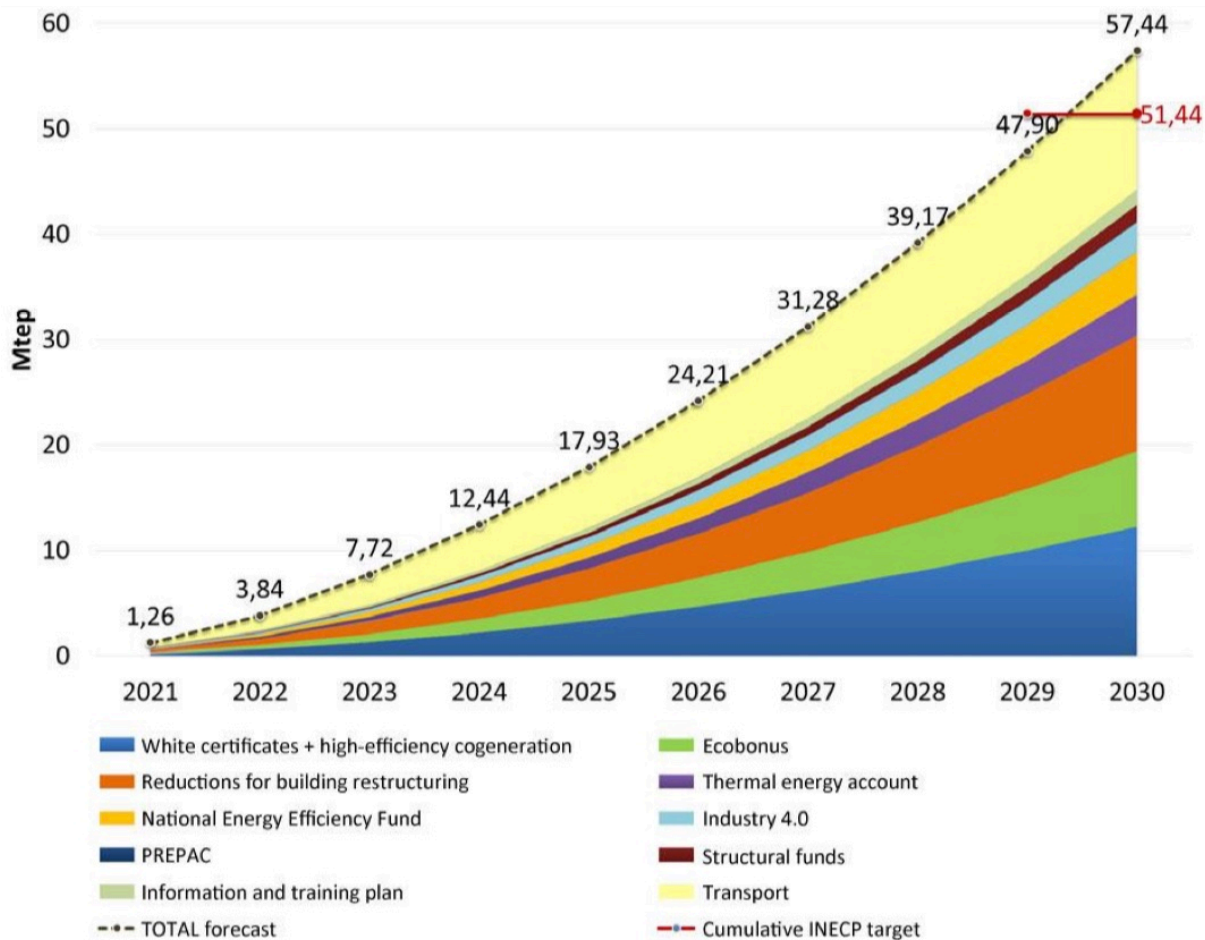


User-friendly for consumers

Be aware of the inefficiency of outdated heating systems  
Plan the replacement of heating appliances  
Focus on co-benefits

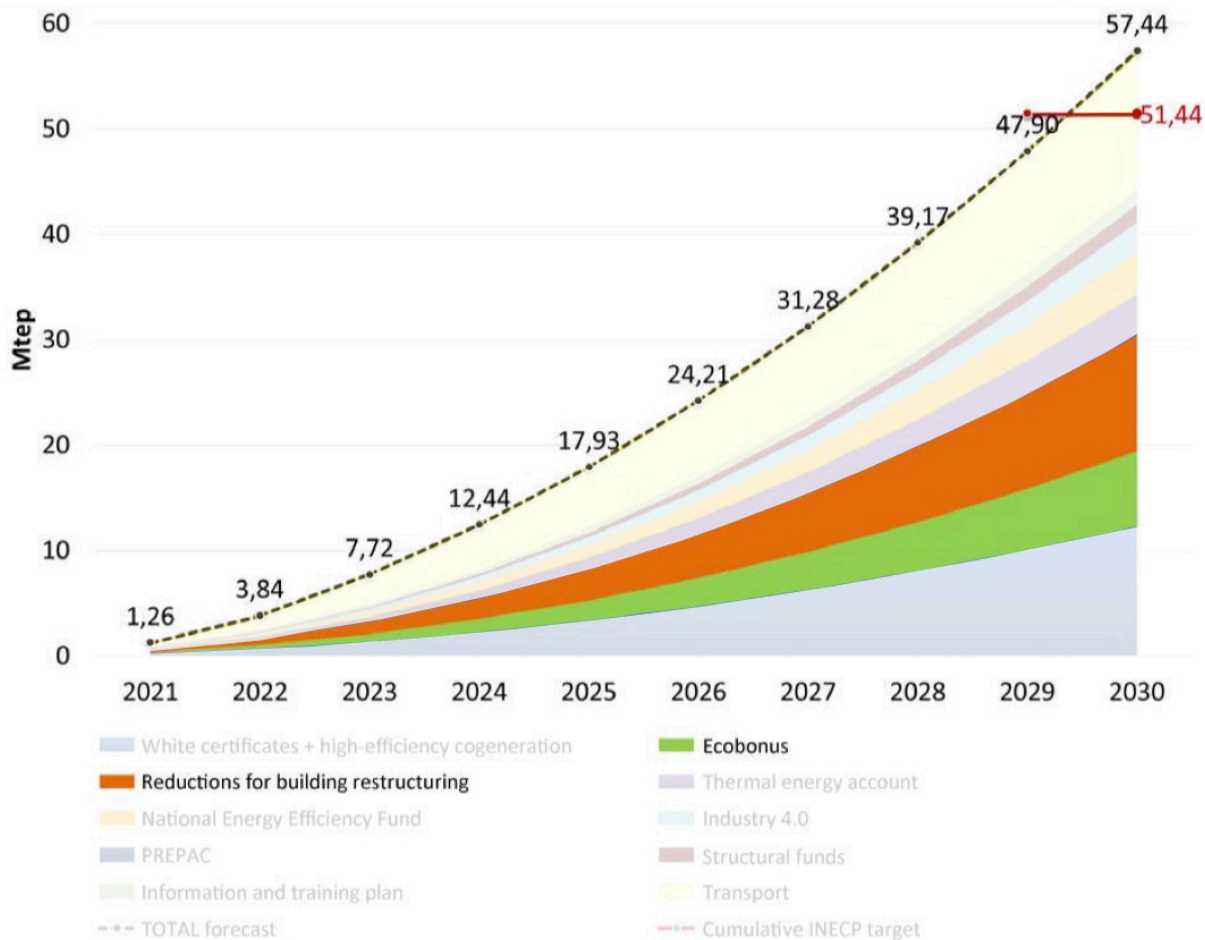
Useful tool for professionals

Carry out more detailed analyses  
Aim at the energy improvement of the building and its service systems



End-use energy savings (Mtoe) to achieve in Italy by 2030 - Integrated National Energy and Climate Plan (December 2019)

[https://www.mise.gov.it/images/stories/documenti/it\\_final\\_necp\\_main\\_en.pdf](https://www.mise.gov.it/images/stories/documenti/it_final_necp_main_en.pdf)



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