

Italia, Europa: soluzioni per la cogenerazione

Quale mercato per la cogenerazione?

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Associazione costruttori e distributori
di impianti di cogenerazione

Federata



ANIMA[®]
CONFINDUSTRIA
MECCANICA VARIA



- **ANIMA** - Federazione delle Associazioni Nazionali dell'Industria Meccanica varia e affine rappresenta in **Confindustria** le aziende della meccanica:
 - 210.000 addetti
 - 45 miliardi fatturato
 - export/fatturato 58% (2016).
- **ITALCOGEN** è federata ad ANIMA – Confindustria

- **ITALCOGEN** rappresenta:
 - ✓ Costruttori e distributori di impianti di cogenerazione;
 - ✓ Costruttori di componenti per sistemi di cogenerazione;
 - ✓ Costruttori e distributori di prodotti affini alla cogenerazione alla poli generazione e ai recuperi di calore da processi industriali;
 - Imprese che svolgono la loro attività in settori complementari;
 - Le organizzazioni attinenti al settore della cogenerazione e della poli generazione.

Gli obiettivi primari dell'associazione sono:

- ➔ Promuovere l'impiego di impianti di cogenerazione e recuperi termici in Italia;
- ➔ Fare chiarezza sulle normative che regolamentano il comparto;
- ➔ Fornire adeguata e completa informazione;
- ➔ Promuovere e favorire azioni di supporto per l'industria nazionale e per gli utilizzatori in tutte le fasi dalla realizzazione alla gestione;
- ➔ Offrire adeguata formazione agli operatori e ai manutentori



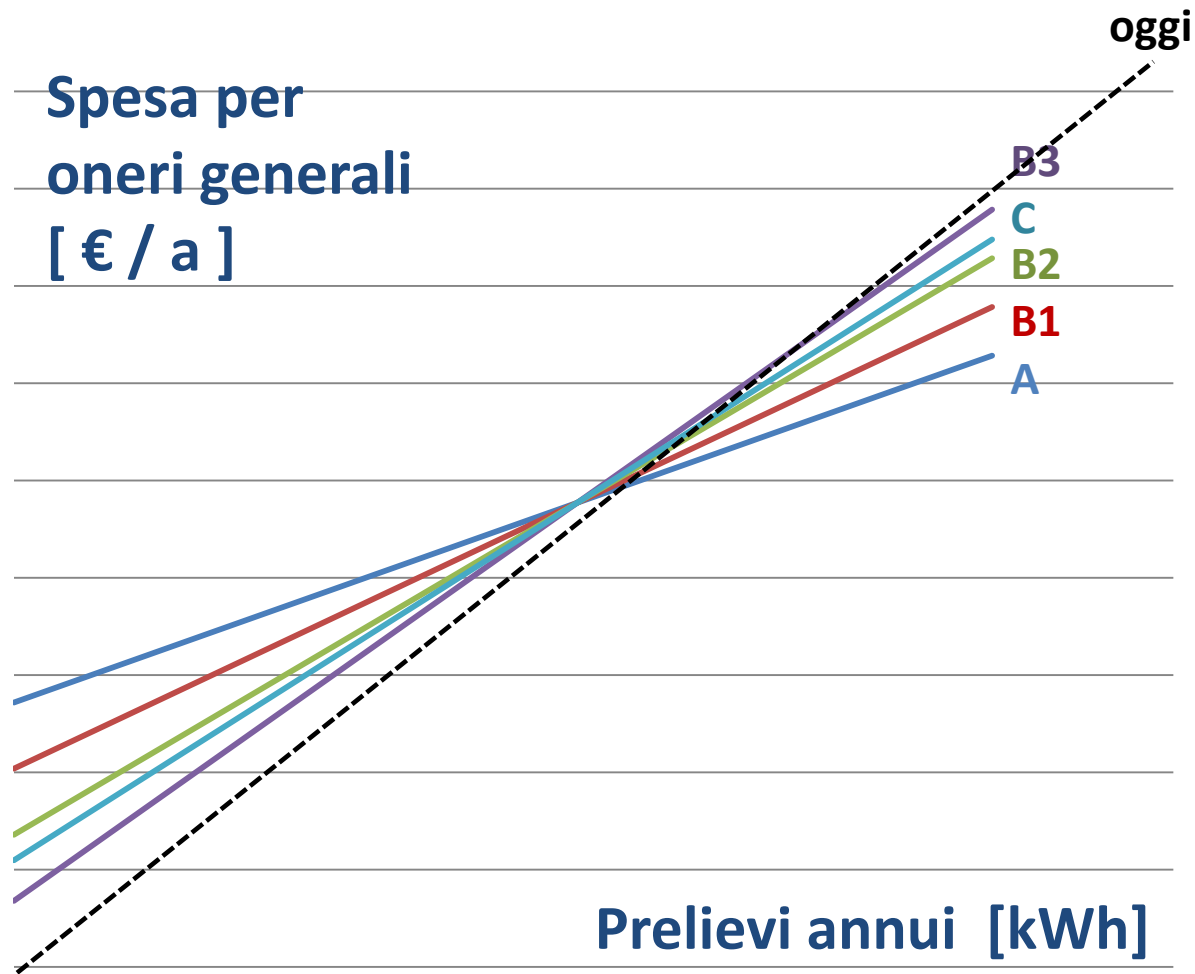
- COGEN Europe è l'associazione europea con sede a Bruxelles per la diffusione della cogenerazione
- Italcogen opera in COGEN Europe per promuovere la filiera italiana di settore
- Italcogen è membro dell'Executive Board di COGEN Europe

- Il Clean Energy Package ridefinirà il contesto energetico europeo con una spinta verso le «energy communities» e il mercato;
- I nuovi obiettivi europei al 2030;
- Le proposte di semplificazione e promozione dell'efficienza energetica indicate nella SEN
- La decisione D(2017)3406 con cui si è completata la riforma della struttura degli oneri gen. di sistema contestualmente alla ridefinizione degli aiuti alle imprese energivore (DM 21dic17)

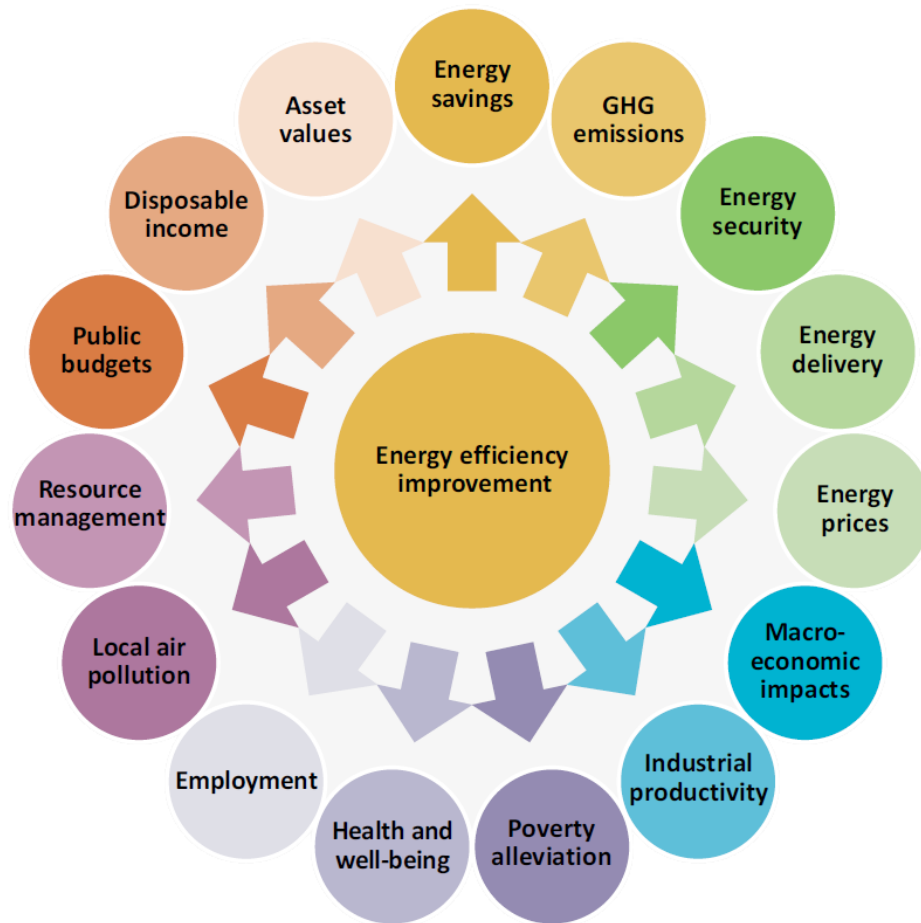
2 Macro aree per la GD

- **Nuova struttura ods** per utenze non esenti con struttura «split»(riflessiva + flat per A3*)
D 471/16 – D921/17 – D922/17 – D923/17
- SDC e SEESEU
Esenzione ods per autoproduzione
DL244/16 + D276/17

La nuova struttura tariffaria degli oneri di sistema



Fonte: ARERA



Un approccio multidisciplinare all'efficienza energetica rivela una vasta gamma di impatti positivi

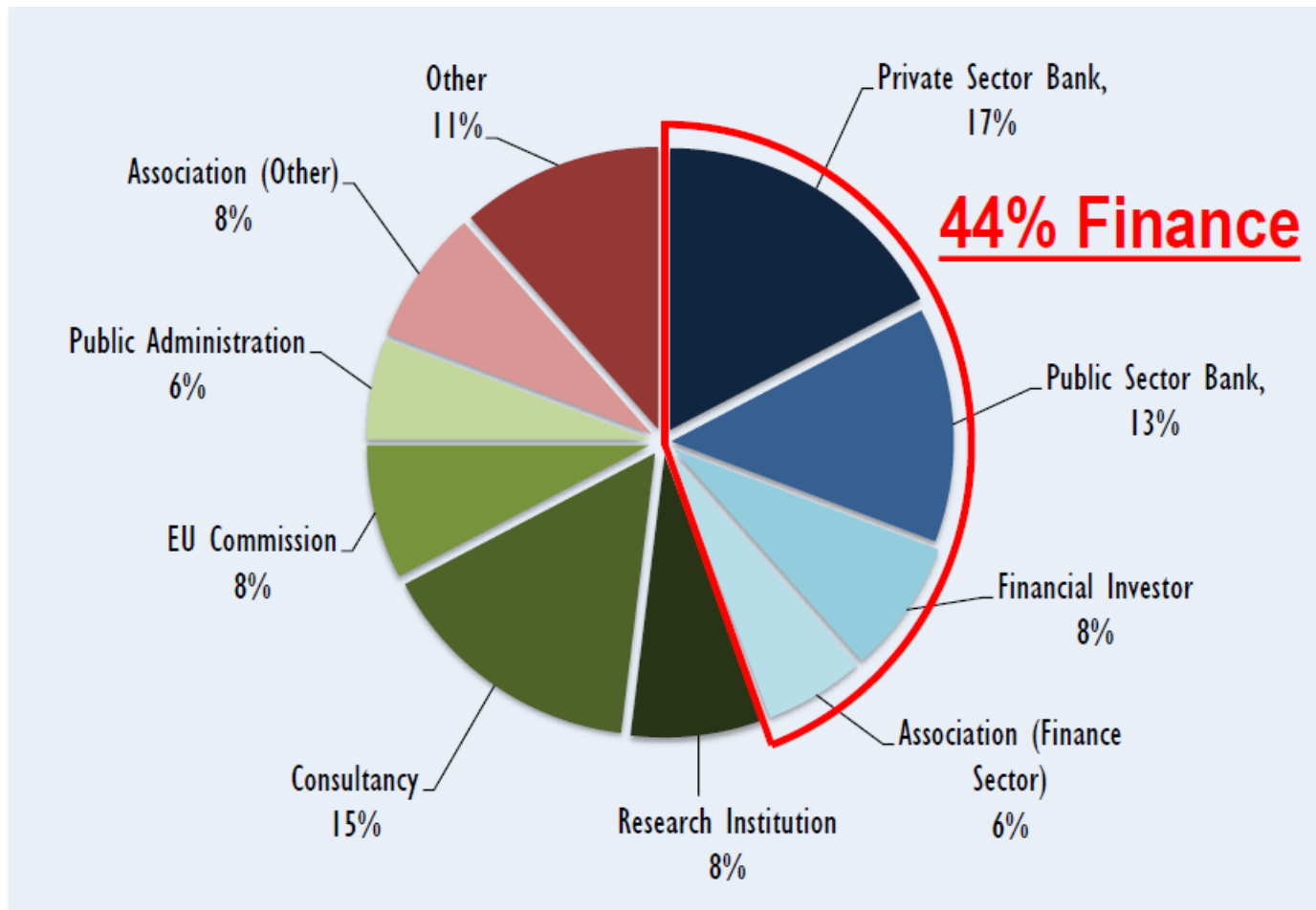
- La cogenerazione è versatile:
le tecnologie della filiera italiana rappresentate in Italcogen coprono ogni campo di applicazione in ambito cogenerativo





Energy Efficiency Financial Institutions Group

EEFIG - Energy Efficiency Financial Institutions Group, established in 2013 by the European Commission Directorate-General for Energy and United Nations Environment Programme Finance Initiative. EEFIG provides an open dialogue and work platform for public and private financial institutions, industry representatives and sector experts to identify the barriers to the long-term financing for energy efficiency, and propose policy and market solutions to them. EEFIG covers both the buildings and industry sectors.



Energy Efficiency – the first fuel
for the EU Economy

How to drive new finance for energy
efficiency investments



Energy Efficiency
Financial Institutions Group

FINAL REPORT

covering Buildings, Industry and SMEs

February 2015

- **EU's investment need in energy efficiency 2014-2035 (for 2°C scenario, IEA) is EUR 1,180 billion in buildings and EUR 140 billion in industry.**
- **→ Current investment trends must increase multiple times.**
- **First Italian launch of EEFIG Report - Focus on Industry**

@Key Energy Rimini

Rimini (Italy), 5/11/2015

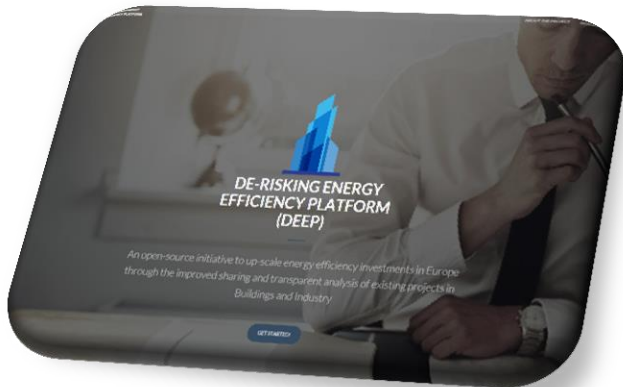


- The EEFIG 2015 report "Energy Efficiency – the first fuel for the EU Economy; How to drive new finance for energy efficiency investments" highlighted among others the following problems:
 - Lack of evidence on the performance of energy efficiency investments makes the benefits and the financial risk harder to assess.
 - Lack of commonly agreed procedures and standards for energy efficiency investment underwriting increase transaction costs.

- In continuation of the EEFIG 2015 findings, the EEFIG de-risking project is now during 2016-17 addressing the fundamentals of energy efficiency investments in the buildings and corporate sectors through:
 - Creation of an open source database for energy efficiency investments performance monitoring and benchmarking (DEEP)
 - Development of common, accepted and standardized underwriting and investment framework for energy efficiency investing
- The goal of these initiatives is to increase energy efficiency financing at competitive terms through improving risk assessment and reducing transaction costs.

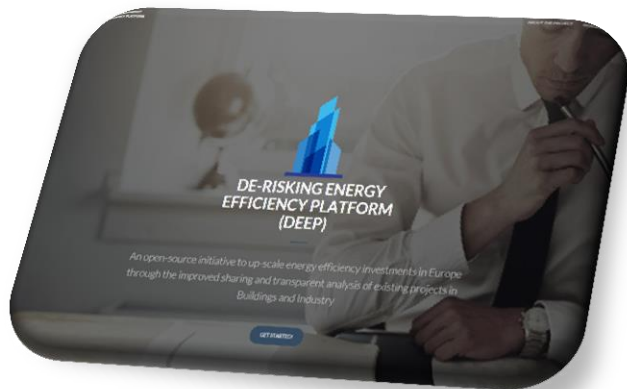
HEADLINE DATA FROM DEEP AT LAUNCH:

- DEEP contains 3,000+ buildings projects and 2,200+ industrial projects from 23 European Member States and 560 from elsewhere (mainly USA) at launch.
- DEEP tracks Euro 910 million of investment projects contributed by 20 large companies, public banks, private investment funds, financial institutions and ESCOs.
- DEEP directly addresses the need to have a user-friendly, transparent and open source evidence base for EU financial investors to reference when considering entry into the energy efficiency markets.



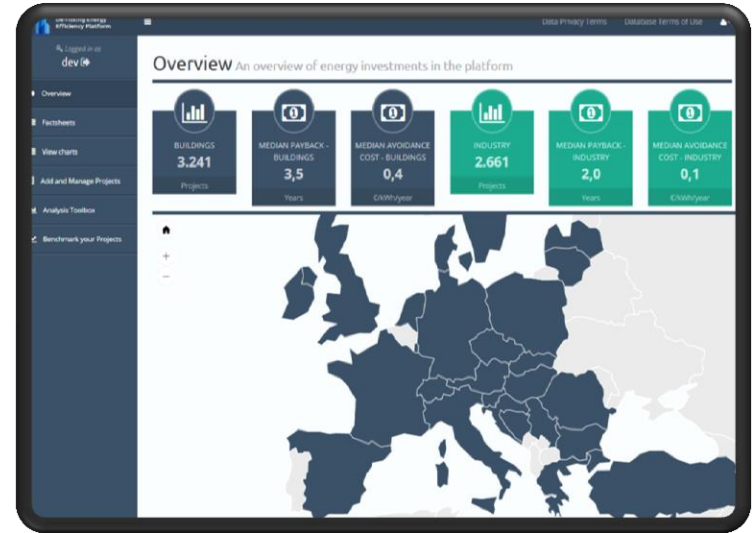
CONCLUSIONS DRAWN BY EEFIG:

- DEEP is the largest, Pan-European, open source evidence base for energy efficiency project investments in Europe.
 - The launch of DEEP demonstrates that EEFIG is acting upon the recommendations made in its landmark 2015 report.
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- This is just the beginning, as the Consortium supporting EEFIG, DEEP and the Smart Finance for Smart Buildings initiative will continue to provide resources for new data providers and DEEP users until the end of 2017.



CONCLUSIONS DRAWN BY EEFIG:

- Important investment drivers like increased market value, rentability, comfort, health, emissions reductions and other factors continue to be under reported by business and buildings owners.
- Multiple benefits continue to be less visible and hard to track consistently. This suggests that real project returns are, in fact, much higher than reported in DEEP.
- EE projects continue to lack sufficient monitoring, and therefore ex-ante and ex-post data, leading to higher risk perception. This is why EEFIG is also developing common underwriting procedures for EE investments.



- Public and private financial institutions, industry representatives and sector experts may through EEFIG be engaged in an expert dialogue and contribute to enhancement of the fundamentals of energy efficiency investments in the buildings and corporate sectors.
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