

**Support Measures for DHC**

Country

**Italy**

#	Name and reference of measure	Type of measure	Responsible organ	Existing or planned?
1	Resolution n. 103/03, Linee guida per la preparazione, esecuzione e valutazione dei progetti di cui all'articolo 5, comma 1, dei decreti ministeriali 24 aprile 2001 e per la definizione dei criteri e delle modalità per il rilascio dei titoli di efficienza energetica	Guidelines for the preparation, execution and evaluation of energy efficiency projects and the delivery of Titles of Energy Efficiency	Authority of Electricity and Gas	Existing
2	Two DM 20 July 2004 and modifications by consequent DM 21 December 2007:  - Nuova individuazione degli obiettivi quantitativi per l'incremento dell'efficienza energetica negli usi finali di energia, ai sensi dell'art. 9, comma 1, del D. Lgs 16 marzo 1999, n. 79.  - Nuova individuazione degli obiettivi quantitativi nazionali di risparmio energetico e sviluppo delle fonti rinnovabili, di cui all'art. 16, comma 4, del D.Lgs. 23 maggio 2000, n. 164.	Ministerial Decrees regulating the emission of white certificates (Titles of Energy Efficiency)	Ministry of economic activities	Existing
3	Technical Sheet n. 22 appended to Regulation 177/05 related to DM 20 July 2004	Regulation of the access to white certificates (Titles of Energy Efficiency) for DHC systems	Authority of Electricity and Gas	Presently withdrawn and substituted by Technical Sheet 22-bis
4	Law n. 20 of 7 February 2007	National Law on high efficiency cogeneration	Italian Parliament	Existing
5	DL n. 26 of 2 February 2007 Attuazione della Direttiva 2003/96/CE che ristruttura il quadro comunitario per la tassazione dei prodotti energetici e dell'elettricità	National Decree regulating taxation on energy products	Italian Parliament	Existing
6	Technical Sheet n. 22-bis, (Application of DHC to the civil sector)	Revision of the Technical Sheet 22, following a legal action	Authority of Electricity and Gas	Issued 19 April 2009, proposed, public consultation phase, not yet approved

7	Financial Law 2007, n. 296 of 27 December 2006, disposizioni per la formazione del bilancio annuale e pluriennale dello stato (Legge Finanziaria 2007)	National law on TVA regimes applying to energy services	Italian Parliament	Existing
8	Application of Art.2, comma 138 of Law n. 244 of 24/12/2007 (Financial law 2008)	Tax credit measures for DHC fuelled with biomass or with geothermal energy	Tax Agency	Existing
9	DL n. 115 of 30 maggio 2008, Attuazione della direttiva 2006/32/CE relativa all'efficienza degli usi finali dell'energia e i servizi energetici e abrogazione della direttiva 93/76/CEE.	National Law on efficiency in energy final uses and energy services	Italian Parliament	Existing
10	Financial Law n. 99 of 23 July 2009	National Law regulating the access to green certificates	Italian Parliament	Existing
11	Delibera GOP 1/10, 8/1/2010, Adozione del piano strategico triennale 2010-2012	Adoption of the Strategic plan 2010-2012	Authority of Electricity and Gas	Existing

## Purpose of the measures

A legal framework at the national level regulating the DHC sector is not yet available in Italy. The measures mainly supporting at the national level the DHC projects and heat delivery are mainly related to the following areas:

- Eligibility for green certificates, only applied if the thermal energy is generated through renewable sources (geothermal, biomass and biodegradable fraction of urban solid wastes)
- Eligibility for white certificates (titles of energy efficiency) in cogeneration plants. This measure however is not yet applied on a regular basis, due to a legal action, now being settled
- Participation to the CO<sub>2</sub> voluntary emission trading system (only for plants larger than 20 MWth)
- Tax credits (50 Lire/kWh thermal) only applying for DHC systems based on renewable sources.

It should be noted that about 82% of DHC systems are operated with natural gas or with other fossil sources.

III-2. REGIONAL SUPPORT MEASURES FOR DHC				
#	Name and reference of measure	Type of measure	Responsible organ	Existing or planned?
1	<u>Emilia-Romagna</u> , LR n. 26 23/12/2004, Disciplina della programmazione energetica territoriale ed altre disposizioni in materia di energia	Regional Law on energy and energy services development programs	Regional Council	Existing
2	<u>Piemonte</u> , LR n. 13 28/05/2007 Disposizioni in materia di rendimento energetico nell'edilizia	Regional Law on energy efficiency in buildings (agency)	Regional Council	Existing
3	<u>Piemonte</u> , Deliberazione del Consiglio Regionale n. 351-364 23/02/2004, Piano Energetico Ambientale Regionale	Regional Law on energy regional plan	Regional Council	Existing
4	<u>Piemonte</u> , Piano di sviluppo del teleriscaldamento nell'area di Torino, February 2009	Torino Province DHC development plan	Torino Province	Existing
5	<u>Piemonte</u> , Incentivazioni alla razionalizzazione dei consumi energetici e all'uso di fonti di energia rinnovabili negli insediamenti produttivi, DGR 12-8312, 3/03/2008	Also supporting the construction of DHC production systems (high efficiency cogeneration, renewable energy utilisation)	Regional Council	Existing
6	<u>Lombardia</u> , Programma energetico Regionale, March 2003, Il sistema energetico della Lombardia, Obiettivi e strumenti dell'azione regionale	Regional energy program	Regional Council	Existing
7	<u>Lombardia</u> , LR n. 26 12/12/2003. Disciplina dei servizi locali di interesse economico generale. Norme in materia di gestione dei rifiuti, di energia, di utilizzo del sottosuolo e di risorse idriche.	Regional Law on local services of public general interest	Regional Council	Existing
8	<u>Lombardia</u> , DGR 8/5261, 2/08/2007, Ulteriori determinazioni relative al bando "Incentivi per la diffusione di sistemi di teleriscaldamento" di cui alla DGR VII/20119/2004,	20 M€ support to investments in DHC (RES based: 14 M€; high efficiency cogeneration: 5 M€)	Regional Council	Existing

9	<u>Provincia Autonoma di Trento</u> , DGP n. 2438 3/10/2003, Piano energetico e ambientale	Provincial Resolution	Provincial Council	Existing
10	<u>Provincia Autonoma di Trento</u> , Legge provinciale n. 14/80, 3/10/2007, Interventi di risparmio energetico e per l'utilizzo delle fonti rinnovabili	Provincial law supporting energy efficiency projects (Action 3: thermal energy networks)	Provincial government, Agency for Energy (APE)	Existing
11	<u>Provincia Autonoma di Trento</u> , Piano pluriennale degli investimenti nel settore dell'energia (PISE)	60,78 M€ investments for 20 DHC projects	Provincial government	Existing (updated 7 November 2008)

## Purpose of the measures

The measures approved at the local government level, mainly covers three area:

- i. planning of energy and energy services developments at the regional and provincial level, according to the three main objectives: incrementing renewable sources shear in the energy mix; promoting energy saving and energy efficiency; achieve the reduction of carbon footprint,
- ii. defining the legal framework of the concept of local general public interest networks, that should also apply to DHC
- iii. providing economic support and funding, through public procurement procedures, capital investments for DHC plants, particularly based on renewable energy sources and on industrial heat utilisation.

These measures, in particular the planning of future possible developments of regional/provincial interest and the funds made available, are considered absolutely necessary for the take off of the DHC initiatives.

To some respect regional level measures are complementary of national support mechanisms applying to the heat generated and distributed related to primary fossil fuel saving, and to the renewable sources used.