



PERSONAL INFORMATION

Maria Cristina Tommasino

 Lungotevere Thaon di Revel 76,00196, Rome, Italy

 +39 0636272842

 cristina.tommasino@enea.it

WORK EXPERIENCE

07/2004-current

resercher

Italian National Agency for New Technology, Energy and the Sustainable Economic Development, ENEA, Rome, Italy.

Modeling the economic impacts of energy-climate policies using the CGE GTAP model (Global Trade Analysis Project). Developing improved GTAP Static (GTAP-Energy) and Dynamic version (GDyn-E model). Statistical analysis on low-carbon energy technologies, using UN Commodity Trade Statistics Database (*Harmonized System-H6*). Participation in EU-wide projects Horizon 2020 (WinWind, HyLAW, COP21Ripples, ERKC). IEA Standing Group on Long-Term Co-operation (SLT) delegate. Participation in the IEA 'Clean Energy Education and Empowerment' Technology Collaborative Program (C3E-TCP). EU external Expert for the evaluation of grant applications, projects and tenders. EU EERA JP Economic, Environmental and Social Impacts of the Energy Transition representative.

03/2008 – 12/2008

temporary contract

Generaal Confederation of the Italian Industry, Bruxelles, Belgium.

Analysis of Energy European legislation. Participation to lobby activities. Newsletter and seminary activities.

10/2007 – 02/2008

internship

European Commission, DG Energy and Transport, Electricity and Gas Market Unit,, Bruxelles, Belgium.

Analysis of areas Markets in Financial Instruments Directive (MiFID) and Impact Assessment of the Third Energy Legislative Package. Statistical analysis on electricity and gas prices in the 27 Member States. Analysis of electricity and gas market. Participation to meetings at the EU Council and Parliament.

03/2003 – 06/2004

temporary contract

Enel s.p.a, Rome, Italy

Participation to ISO and EMAS certification of thermoelectric- and hydroelectric- power plants, environmental activities of ENEL S.p.A. Participation to management and control activities.

EDUCATION AND TRAINING

11/2002-11/2003

Master in Environmental Management and Control System

Sant'Anna School for Advanced Studies and Doctoral Research, Pisa Italy.

Energy and environmental economics, environmental management, EMAS, ISO 14001 and Ecolabel Certification. Grant from the bank of the Monte dei Paschi di Siena, Italy.

10/1995-12/2000

Degree in Economics

LUISS Libera Università Internazionale degli Studi Sociali, Rome, Italy.

Microeconomics, macroeconomics, econometrics, statistics, business finance.

11/2002-11/2003

IEA Energy Statistics Course

International Energy Agency, Paris, France.

IEA methodology and tools for collecting and organising national-level energy data by different fuels and sectors of the economy.

22/08/2011 – 27/08/2011

TERM Regional CGE model formation course

Centre of Policy Studies (CoPS), Monash University and Polish Academy of Sciences, IRWIR, Warsaw, Poland.

Computable general equilibrium (CGE) models and GEMPACK (General Equilibrium Modelling PACKage) language.

08/06/2009-12/06//2009

Workshop Dynamic General Equilibrium Analysis

Centre for Energy Policy and Economics (CEPE), ETH Zurich, Switzerland.

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PERSONAL SKILLS

Mother tongue

Italian

	UNDERSATANDING		SPEAKING		WRITING
	Listening	Reading	spoken production	spoken interaction	
English	C1	C1	C1	C1	B2
French	B1	B1	A2	A2	A2

Technical skills

Good comand of Microsoft Office tools, GEMPACK language for CGE model; good analytical skills and accuracy with problem solving attitude.

Job-related skills

Team player with good interpersonal skills. Good ability to adapt to multicultural environments, gained though work experience abroad. Ability to communicate with clarity and concision and to work under pressure. Well organized.

Recent Publications

- Cigolotti V., McPhail S.J., Tommasino M.C., Hy-LAW National Policy Paper – Italy, HyLAW project, Hydrogen Law and removal of legal barriers to the deployment of fuel cells and hydrogen application, 2018.
- Tommasino M.C, Viridis M.R., Zini A., “Case Study: Technological Potential and Competitiveness in Electric Mobility Technologies: The Case of Italy”, in Georg Zachmann et al., Assessing the Technology Innovation Implications of NDCs, Technology Portfolio Choices, and International Competitiveness in Clean Technologies, COP21 Ripples Deliverable 3.3, agosto 2018.
- Tommasino M.C Zini A., Analisi trimestrale del sistema energetico italiano, Commercio internazionale delle tecnologie energetiche low-carbon. La posizione italiana, n.4/2017 ISSN 2531-4750, December 2017.
- Giuffrida L.G, Colosimo A., Fidanza A., Rao M., Tommasino M.C., I numeri dell’energia, ENEA, ISBN: 978-88-8286-328-9, 2016.
- Giuffrida L.G, Colosimo A., Fidanza A., Tommasino M.C., Energia e ambiente. Parole in sintesi, ENEA, ISBN: 978-88-8286-323-4, 2015.
- Rao M., Tommasino M.C., An analysis of the effects of internal constraints application on the accuracy measures in projecting a social accounting matrix with iterative methods. The case of Italian SAM for years 2005 and 2010, RT/2015/17/ENEA..
- Rao M., Ciorba U, Tommasino M.C., Gaeta M., A software application for TIMES-SAM linkage: A VBA program to connect energy and macroeconomics models, RT/2015/19/ENEA..
- Antimiani A., Martini C., Tommasino M.C., Evaluating EU decarbonisation pathways to 2030 with an improved version of GTAP-E Dynamic Model., Conference: Proceedings of the 10th Conference on Sustainable Development of Energy, Water and Environment Systems, SDEWES2015.65388, 1-15 (2015).
- Alloisio I., Antimiani A., Borghesi S., De Cian E., Gaeta M., MartiniC., Parrado Ramiro, Tommasino M.C, Verdolini E., Viridis M.R Pathways to deep decarbonization in Italy, Deep

- Decarbonization Pathways Project, Sustainable Development Solutions Network (SDSN) – The Institute for Sustainable Development and International Relations (IDDRI), 2015.
- Alloisio I., Antimiani A., Borghesi S., De Cian E., Gaeta M., Martini C., Parrado Ramiro, Tommasino M.C., Verdolini E., Virdis M.R., Pathways to deep decarbonization in Italy, Technical Report, January 2015, Report number: 2015-080, Affiliation: ENEA-FEEM.
 - Markandya A., Antimiani A., Costantini V., Martini C., Palma A., Tommasino M.C., Analyzing Trade-offs in International Climate Policy Options: The Case of the Green Climate Fund, World Development 74, October 2015.
 - Markandya A., Antimiani A., Costantini V., Martini C., Palma A., Tommasino M.C., A dynamic CGE modelling approach for analyzing trade-offs in climate change policy options: the case of Green Climate Fund, Technical Report BC3 Basque Centre for Climate Change Working Paper Series 2014-2015, September 2014.
 - Tronchin, L., Fabbri K., Tommasino M.C., On the “cost-optimal levels” of energy performance requirements for buildings: a case study with economic evaluation in Italy, International Journal of Sustainable Energy Planning and Management, Vol. 03 2014 49-62, DOI: 10.5278/ijsepm.2014.3.5.
 - Rao M., Tommasino M.C., Updating technical coefficients of an Input-Output matrix with Updating Technical Coefficients of an Input-Output Matrix with RAS- The triOBAL Software, a VBA/GAMS application to Italian economy for years 1995 and 2000, RT/2014/5/ENEA.
 - Rao M., Tommasino M.C., Input Output Balance Software, GAMS Data Utilities Libraries, 2014.
 - Antimiani, A., Costantini, V., Markandya, A., Martini, C., Palma, A and Tommasino, Green Growth and Sustainability: Analyzing Trade-offs in Climate Change Policy Options, 5th WCEARE (World Congress of Environmental and Resource Economists) 2014 and 17th annual GTAP Conference, 2014.
 - Costantini V., D'Amato A., Martini C., Tommasino M.C., Valentini E., Zoli M., Taxing International emissions trading, Energy Economics, Vol. 40, pp. 609–621, 2013.
 - Antimiani A., Costantini V., Martini C., Salvatici L., Tommasino M.C., Assessing alternative solutions to carbon leakage, Energy Economics, Vol. 36, pp. 299–311, 2012.
 - Antimiani A., Costantini V., Martini C., Palma A., Tommasino M. C., 2012, The GTAP-E: model description and improvements (pg.3-24); Carbon leakage and trade adjustment policies (pg.25-43). In: Costantini V., Mazzanti M., The Dynamics of Environmental and Economic Systems. Innovation, Environmental Policy and Competitiveness, Springer-book, 2012.
 - Martini C., Tommasino M.C. GTAP-DYN drivers for the EFDA-TIMES Model, Final Report EFDA Reference: WP 10-SER-ETM-7, 2011.
 - Martini C., Tommasino M.C., General Equilibrium Modelling for Energy policy evaluation, the GTAP-E ITA model. ENEA Technical Paper, RT/2010/10/ENEA, ISSN/0393-3016; 2010.