

Vassilis Lychnaras (Ph.D.)

Senior Research Fellow (Grade A)

Energy Economics specialized in RES

Contact Details

E-mail: vlychn@kepe.gr

Tel.: +30 210 3676 336

Address: 11 Amerikis Str., Athens 106 72, Greece

Areas of Expertise

Energy economics; Energy transition and policy; Renewable Energy Sources; Energy utilization of biomass residues; Biomass; Biofuels; Energy crops; Bioenergy systems; Agricultural economics and policy; Economic analysis; Cost analysis; Investment appraisal; Development planning; etc.

Professional Experience

Senior Research Fellow, Grade A

Centre of Planning and Economic Research (KEPE), Athens, Greece (August 2025–present)

Senior Research Fellow, Grade B

Centre of Planning and Economic Research (KEPE), Athens, Greece (March 2016–July 2025)

Research Fellow, Grade C

Centre of Planning and Economic Research (KEPE), Athens, Greece (June 2012–March 2016)

Research Fellow, Grade D

Centre of Planning and Economic Research (KEPE), Athens, Greece (February 2009–June 2012)

External Researcher

Agricultural University of Athens, Dept. of Agricultural Economics and Rural Development, Athens, Greece (December 2001–April 2006 and July 2008–November 2010)

Bioenergy Consultant

Vector Biomass, Vector Group, Athens, Greece (January–December 2008)

External Researcher

Centre for Renewable Energy Sources and Energy Saving (CRES), Biomass Dept., Athens, Greece (July 1999–May 2007)

Education

Ph.D. in Agricultural Economics (2008)

Dept. of Agricultural Economics and Rural Development, Agricultural University of Athens

M.Sc. in International Economics and Finance (2002)

Dept. of International and European Economic Studies, Athens University of Economics and Business

B.Sc. in Agricultural Economics (2000)

Department of Agricultural Economics and Rural Development, Agricultural University of Athens

Honours and Awards

Excellence award of Prof. G. I. Michalopoulos (2000)

Dept. of Agricultural Economics and Rural Development, Agricultural University of Athens

Fellowship by the Greek State Scholarship Foundation (Academic year 1998–1999)

Fellowship by the Greek State Scholarship Foundation (Academic year 1996–1997)

Certifications

Introduction to Generalized Algebraic Modeling System – GAMS (2005)

Participation in Scientific Committees

Advisory Committee under Article 27 of Law 4399/2016 (Alternate Member),

General Directorate of Private Investments, Hellenic Ministry of Development and Investments
(June 2019–December 2025)

Technical Committee of the Just Transition Development Plan (Full Member),

Just Transition Development Plan Steering Committee, Hellenic Ministry of Environment and
Energy (May 2020–June 2022)

Monitoring Committee of the Rural Development Program of Greece 2014–2020 (Full Member),

General Secretariat for Agricultural Policy and Community Resource Management, Hellenic
Ministry of Rural Development and Food
(March 2016–July 2020)

Industrial Forum, Technical Subgroup D: Energy Saving Team (Full Member),

General Secretariat for Industry, Hellenic Ministry of Economy, Development and Tourism
(January–February 2016)

Editorial Boards

Member of the editorial team of KEPE's quarterly journal “Greek Economic Outlook”

(October 2014–March 2019)

Formal Classroom Assignments

Economic and Social Role of Energy – Energy Systems Management, Agricultural University of Athens, M.Sc. Programme: Energy Systems – Renewable Energy Sources (Academic semester 2012)

Mathematical Economics (Laboratory course), Agricultural University of Athens, Department of Agricultural Economics and Rural Development (Academic semesters 2002–2006)

Investment Appraisal in Agriculture (Laboratory course), Agricultural University of Athens, Department of Agricultural Economics and Rural Development (Academic semesters 2002–2005)

Scientific Work

Coordination of Studies

Investigation of the possibilities of energy utilization of forest residues of Dadia-Lefkimi-Soufli Forest National Park (2024) [In Greek]. The study was conducted within the programme “Restoring key landscape values in the Dadia National Park”, funded by the WWF network and implemented by WWF Greece in cooperation with the Society for the Protection of Biodiversity of Thrace. The study was commissioned by Clean Energy Ltd. Working group: V. Lychnaras (coordinator), A. Papadelis, L. Kosmatopoulos, P. Grammelis.

Potential and prospects for energy utilization of woody biomass residues in Northern Evia and possible benefits for the local economy (2023) [In Greek]. The study was conducted by KEPE within the framework of the Tripartite Memorandum of Cooperation between the Presidency of the Government, the Ministry of Development and KEPE, Working group: V. Lychnaras (coordinator), E. Athanassiou, A. Koutroulis.

Proposals to Greek Government on Growth Strategic Plan (2016) [In Greek]. The study was conducted by KEPE for the Greek Ministry of Economy, Development and Tourism, coordinated by E. Athanassiou, P. Vlamis and V. Lychnaras.

Estimation of the Impact on the State Revenues from the Possible Reduction of the Excise Tax on Heating Oil (2015) [In Greek]. The study was conducted by KEPE for the General Accounting Office of the Greek Ministry of Finance.

Special Issue “Energy” (2014) [In Greek]. Greek Economy Journal, July-August 2015, Athens: KEPE.

Refereed Books, Monographs

Structural Reforms in Greece, 2010-2018 (2019). Chapter 5: “Energy Market Reforms and Privatisations”. Study for the European Commission (DG GROW). Luxembourg: Publications Office of the European Union.

General Government Spending Review, 2013-2016: An Analysis Framework for Future Spending Reviews (2016). Chapter 4: “Defense”. KEPE Report No 75, pp 69-80. Athens: KEPE Publications.

Market Conditions and Competition in the Greek Economy (2011) [In Greek]. Chapter 12: “Electric power and natural gas” and Chapter 13: “Fuels”. KEPE Report, No 67, pp 21-88. Athens: KEPE Publications.

Economic Analysis of Perennial Energy Crops Production: Case study at the Region of Kopaida under the Status of CAP-2003 (2008) [In Greek]. Ph.D. Thesis, Agricultural University of Athens, Dept. of Agricultural Economics and Rural Development, Greece.

Contribution in KEPE Studies / Reports

The State of the Greek Economy at the end of 2025 (2025). Chapter 9: "Energy". The study was conducted by KEPE, coordinated by K. Loizos and G. Skinntzis.

Assessment, Improvement and Rationalisation of the Measure of Enterprises' Transport Equivalent (2023) [In Greek]. The study was conducted by KEPE for the Minister of Maritime Affairs & Insular Policy, coordinated by T. Tsekeris.

Potential and prospects for energy utilization of woody biomass residues in Northern Evia and possible benefits for the local economy. (2023) [In Greek]. The study was conducted by KEPE within the framework of the Tripartite Memorandum of Cooperation between the Presidency of the Government, the Ministry of Development and KEPE, coordinated by V. Lychnaras.

The Measure of Fuels' Transport Equivalent: Evaluation, Expansion Possibilities and Improvement Proposals. (2021) [In Greek]. The study was conducted by KEPE for the Ministry of Maritime Affairs and Insular Policy, coordinated by T. Tsekeris.

Monthly and Quarterly Bulletins for the monitoring, processing and coded listing of developments and trends in the International Academic Economic Literature (2016-2017) [In Greek]. The study was conducted by KEPE for the General Accounting Office of the Greek Ministry of Finance, coordinated by E. Nitsi and Ch. Triantopoulos.

Proposals to Greek Government on Growth Strategic Plan (2016) [In Greek]. Section: "Energy, Saving and Networks". The study was conducted by KEPE for the Greek Ministry of Economy, Development and Tourism, coordinated by E. Athanassiou, P. Vlamis and V. Lychnaras.

Estimation of the Impact on the State Revenues from the Possible Reduction of the Excise Tax on Heating Oil (2015) [In Greek]. The study was conducted by KEPE for the General Accounting Office of the Greek Ministry of Finance, coordinated by V. Lychnaras.

The Development Vision for Greece 2020: Provisions, development requirements and funding mechanisms. (2013) [In Greek]. Section 4.3: "Energy". The study was conducted by KEPE for the Ministry of Development, coordinated by E. Athanassiou, Th. Tsekeris and E. Tsouma.

General Government Spending Review 2013-2016 (2nd Deliverable: July 2012) [In Greek]. Chapter 4: "National Defence" and General Government Spending Review 2013-2016: Overview of General Government Spending and Preliminary Findings (1st Deliverable: April 2011), Section 2.2: "Defense". The study was conducted by KEPE for the Greek Ministry of Finance, coordinated by I. Monogios and E. Nitsi with the collaboration of the General Accounting Office, the European Commission Task Force and the International Monetary Fund.

Electronic Transactions: Their Effect on VAT Income (2011) [In Greek]. Sections: "The case of Argentina and Colombia", "EU VAT legal framework" and "Shadow economy in Greece and EU". The study was conducted by KEPE for the Greek Parliament – 1st Vice-president Office, coordinated by N. Georgikopoulos.

Investment Opportunities in Greece (2011). Chapter “Investment Opportunities in the Renewable Energy and Waste Management Sector”. The study was conducted by KEPE for the Ministry of Development, Competitiveness and Shipping, coordinated by N. Georgikopoulos.

Analysis of the Competition in the Greek Economy (2010) [In Greek]. Chapters “Electric power and natural gas” and “Fuels”. The study was conducted by KEPE for the Ministry of Economy, Competitiveness and Shipping, coordinated by K. Kanellopoulos.

Contribution to Scientific Reports

Investigation of the possibilities of energy utilization of forest residues of Dadia-Lefkimi-Soufli Forest National Park (2024) [In Greek]. The study was conducted within the programme “Restoring key landscape values in the Dadia National Park”, funded by the WWF network and implemented by WWF Greece in cooperation with the Society for the Protection of Biodiversity of Thrace. The study was commissioned by Clean Energy Ltd., coordinated by V. Lychnaras

Study for the Determination of the Technical, Economic and Legal Conditions for the Agricultural Sector, in order to reach the National Biofuels Targets” (2008) [In Greek]. The study was conducted by CRES for the Ministry of Agricultural Development and Food, coordinated by D. Papavasiliou.

Solid and Liquid Biofuels Market in Greece - EUBIONET II – Country Report of Greece (2006). The study was conducted by CRES, coordinated by M. Christou.

Energy Crops for Solid and Liquid Biofuels Production in Greece (2006) [In Greek]. The study was conducted by CRES, coordinated by C. Panoutsou.

Refereed Articles in International Journals

Tsekeris, T., Lychnaras, V., Passas C. and G. Skintzi, 2026. "Measuring market accessibility of insular areas based on network distance and shipment cost: The case of Greek islands", *REGION*, 13(2):115-134.

Lychnaras, V. and U. A. Schneider, 2010. “Multi-farm economic analysis of perennial energy crops in Central Greece, taking into account the CAP reform”, *Biomass & Bioenergy*, 35:700–715.

Soldatos, P., Lychnaras, V., Panoutsou, C. and S. L. Cosentino, 2010. “Economic viability of energy crops in the EU: the farmer’s point of view”, *Biofuels, Bioprod. Bioref.*, 4:637–657.

Panoutsou, C., Namatov, I., Lychnaras, V and A. Nikolaou, 2008. “Biodiesel Options in Greece”, *Biomass & Bioenergy*, 32:473–481.

Monti, A., Fazio, S., Lychnaras, V., Soldatos, P. and G. Venturi, 2007. “A full economic analysis of switchgrass under different scenarios in Italy estimated by BEE model”, *Biomass & Bioenergy*, 31:177–185.

Lychnaras, V. and S. Rozakis, 2006. “Economic analysis of perennial energy crop production in Greece under the light of the new CAP”, *New Medit*, V:29–37.

Refereed Chapters in Scientific Books

Lychnaras, V. and A. Dagoumas, 2016. "Chapter 2: Energy Policy Formulation in Greece under the Economic Crisis", Greece: Economic Crises and Management, Nova Science Publishers, United States (ISBN: 978-1-63484-406-2).

Lychnaras, V. and C. Panoutsou, 2010. "Biofuel options in Greece to meet the 2020 targets: Costs, GHG emission savings, fiscal impact and land use requirements", Essays in Economics, Applied Studies on the Greek Economy, Centre of Planning and Economic Research, 50 years anniversary publication.

Refereed Articles in Greek Journals

Lychnaras, V. and C. Passas, 2023. "The Greek energy sector and the impact of natural gas prices on domestic electricity prices", *Greek Economic Outlook*, 51: 74-86, KEPE, Athens.

Lychnaras, V., Nitsi, E. and Ch. Triandopoulos, 2016. "Assessment of the impact from changes in the heating oil excise duty on consumption and state revenues", *Greek Economic Outlook*, 29:52-62, KEPE, Athens.

Lychnaras, V., 2014. "Review of the Greek energy sector and developmental potential" [In Greek]. *Greek Economy Journal*, Special Issue "Energy", pp. 35-40, July-August 2015, KEPE, Athens.

Lychnaras, V., 2014. "The energy cost for the Greek industry: Proposals for the reduction of cost and the enforcement of the competitiveness and the extroversion" [In Greek], *Greek Economy Journal*, 5:27-38, KEPE, Athens.

Lychnaras, V. and D. Rachiotis, 2011. "Renewable Energy Sources (RES) promotion and development policies in Greece", *Greek Economic Outlook*, 16:73-82, KEPE, Athens.

Refereed Articles in International Conferences

Lychnaras, V., Papadelis, C. E., Kosmatopoulos, L. and P. Grammelis, 2026. "Technical and economic investigation of energy utilization of forest biomass residues: The case of the Dadia-Lefkimi-Soufli forest national park". 34th European Biomass Conference & Exhibition (EUBCE 2026), 19–22 May 2026, The Hague, The Netherlands.

Lychnaras, V. and E. Nitsi, 2024. "Investigating the Drivers of Energy Poverty in Greek Households Using Quantile Regression Approach". International Conference on Economics, Finance & Business, 2–4 September 2024, Prague, Czech Republic.

Lychnaras, V., Rodousakis, N., Soklis, G. and T. Tsekeris, 2023. "Measuring Intersectoral Linkages of the Greek Energy Sector: A New Approach of Hypothetical Extraction Method". 7th International Conference on Applied Theory, Macro and Empirical Finance (AMEF), 10–11 April 2023, University of Macedonia, Thessaloniki, Greece.

Stamtsis, G. and V. Lychnaras, 2015. "Integration of capacity markets into the European electricity market". 10th International Conference on Deregulated Electricity Market Issues in South Eastern Europe (DEMSEE), 24–25 September 2015, Budapest, Hungary (ISBN 978-615-80340-0-5).

Lychnaras, V., Soldatos, P., Panoutsou, C. and S. L. Cosentino, 2009. "Economic opportunities for non-food crops production in EU27". 17th European Biomass Conference and Exhibition, From Research to Industry and Markets, 29 June–3 July 2009, CCH – Congress Center Hamburg, Germany.

Panoutsou, C., Lychnaras, V., Alexopoulou, E. and P. Soldatos, 2009. "The socio-economic impacts of 4F (Food, Feed, Fiber and Fuel) Crops: A methodological framework to assess their implications on land and water use, rural development & social welfare". 17th European Biomass Conference and Exhibition, From Research to Industry and Markets, 29 June–3 July 2009, CCH – Congress Center Hamburg, Germany.

Christou, M., Lychnaras, V., Bookis, I., Kontopoulos, G., Alexopoulou, E. and C. Panoutsou, 2009. "Could energy crops be an economic and sustainable option for heat and electricity?" 17th European Biomass Conference and Exhibition, From Research to Industry and Markets, 29 June–3 July 2009, CCH – Congress Center Hamburg, Germany.

Panoutsou, C., Lychnaras, V., Alexopoulou, E., Papavasiliou, D. and M. Christou, 2008. "Biodiesel in Greece". 16th European Biomass Conference and Exhibition, 2–6 June 2008, Feria Valencia, Spain.

Lychnaras, V., Rozakis, S., Soldatos, P., Tsiboukas, K. and C. Panoutsou, 2007. "Economic analysis of perennial energy crops production in Greece under the current CAP". 15th European Biomass Conference and Exhibition, 7–11 May 2007, ICC Berlin, Germany.

Christou, M., Panoutsou, C., Papamichael, I., Alexopoulou, E. and V. Lychnaras, 2006. "Bioenergy in Greece: Current situation and future trends". World Renewable Energy Congress IX and Exhibition, 19–25 August 2006, Florence, Italy.

Christou, M., Panoutsou, C. and V. Lychnaras, 2006. "Biomass resources for heat and electricity in Greece". World Bioenergy 2006: Conference & Exhibition on Biomass for Energy, 30 May–1 June 2006, Jönköping, Sweden.

Lychnaras, V., Kalligeros, S., Liapis, N., Panoulas, Y., Panoutsou, C., Nikolaou, A., Stournas, S., Lois, E. and G. Karabalakis, 2004. "Implementation and evaluation of the first biodiesel chain in Greece". 2nd World Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection, 10–14 May 2004, Rome, Italy.

Soldatos, P., Lychnaras, V., Asimakis, D. and M. Christou, 2004. "BEE – Biomass Economic Evaluation: A model for the economic analysis of biomass cultivation". 2nd World Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection, 10–14 May 2004, Rome, Italy.

Namatov, I., Nikolaou, A., Lychnaras, V. and P. Panoutsou, 2004. "Vegetable oil crops as a potential source for biodiesel production in Greece". 2nd World Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection, 10–14 May 2004, Rome, Italy.

Soldatos, P. and V. Lychnaras, 2003. "Technical-economic analysis for renewable energy chains: The case of bio-energy". 8th Conference on Environmental Science and Technology, 8–10 September 2003, Lemnos Island, Greece.

Panoutsou, C., Lychnaras, V. and A. Nikolaou, 2002. "A review of progress made with growing energy crops in EU. Economic appraisal of wheat and miscanthus in selected Member States". World Renewable Energy Congress VII, July 2002, Cologne, Germany.

Nikolaou, A., Lychnaras, V. and C. Panoutsou, 2002. "Characteristics and geographical distribution of agricultural residues for energy production in Greece". 12th European Conference and Technology Exhibition: Biomass for Energy and Industry, June 2002, Amsterdam, The Netherlands.

Refereed Articles in National Conferences

Lychnaras, V., 2022. Overview and analysis of key energy parameters and characteristics and their impact on the energy sector of Greece [In Greek]. Public Administration Today: Challenges and Prospects, Conference of the Department of Public Administration, Panteion University, 10 November 2022, Athens, Greece.

Lychnaras, V., 2014. Developmental Potential of the Greek energy sector [In Greek]. Conference: The Greek Economy from Crisis to Development, 4 – 5 April 2014, Volos, Greece.

Lychnaras, V., Soldatos, P., Grammelis, P. and C. Panoutsou, 2010. Opportunities for Usage Agricultural Biomass for Electricity Production in Greece: Cost, Land Use and CO₂ Emissions Reduction [In Greek]. 4th National Conference: The Application Renewable Energy Sources, 10 – 12 May 2010, Athens, Greece.

Christou, M., Lychnaras, V., Panoutsou, C. and E. Alexopoulou, 2006. Energy Crops [In Greek]. 1st Greek Agricultural Conference. 31 March – 1 April 2006, Marousi, Greece.

Panoutsou, C., Lychnaras, V., Namatov, I. and A. Nikolaou Biofuels in Greece: Production Possibilities and Environmental Effects [In Greek]. 3rd National Conference: Renewable Energy Sources Applications, Perspectives and Priorities for 2010 Targets of 2010. 23 – 25 February 2005, Athens, Greece. (in cooperation with) (in Greek)

Nikolaou, A., Papamichail, I., Lychnaras, V. and C. Panoutsou, 2003. Agricultural Residues Potential for Energy Production in Greece. 3rd Greek Agricultural Engineering Conference. 29 – 31 May 2003, Thessaloniki, Greece.

Other Scientific Publications

Lychnaras, V. and E. Nitsi, 2025. “Regional analysis of the energy poverty of Greek households: Recent developments”, *Greek Economic Outlook*, 57:61-67, KEPE, Athens.

Lychnaras, V. and E. Nitsi, 2024. “Investigation of the effects of the 2021–2022 energy crisis on energy poverty among Greek households at regional level” [In Greek], Centre of Planning and Economic Research (KEPE), *Current Analysis*, 10/2024.

Lychnaras, V., Athanassiou, E. and A. Koutroulis, 2023. “Exploring the potential and prospects of energy utilization of woody biomass residues: The case of Northern Evia” [In Greek], Centre of Planning and Economic Research (KEPE), *Current Analysis*, 3/2023.

Marsellou, E. and V. Lychnaras, 2023. “Recent developments of the inflation in Greece and the euro area: The effects of declining energy prices and rising food prices”, *Greek Economic Outlook*, 50:16-25, KEPE, Athens.

Marsellou, E. and V. Lychnaras, 2022. “The effect of high energy prices on inflation in Greece and the Euro area”, *Greek Economic Outlook*, 49:14-21, KEPE, Athens.

Lychnaras, V., 2021. “The effects of the pandemic on the liquid transportation fuels market in 2020 and its prospects”, *Greek Economic Outlook*, 44:54-60, KEPE, Athens.

Lychnaras, V., Rodousakis, N. and G. Soklis, 2021 [In Greek]. “The two Sides of the Energy Crisis in the Greek Economy: Part A” [In Greek], Centre of Planning and Economic Research (KEPE), *Current Analysis*, 6/2021.

- Lychnaras, V., 2020. "Developments in the domestic heating oil market" [In Greek], Centre of Planning and Economic Research (KEPE), *Current Analysis*, 11/2020.
- Lychnaras, V., 2020. "Prospects for Greece's energy transition to a low-carbon economy", *Greek Economic Outlook*, 42:52-56, KEPE, Athens.
- Lychnaras, V., 2018. "The development of transport fuels market for the 2016-2017 period and the impact form the Excise Duty increase", *Greek Economic Outlook*, 36:52-58, KEPE, Athens.
- Lychnaras, V., 2017. "Overview of the basic energy and environmental indices of the Greek economy", *Greek Economic Outlook*, 34:42-46, KEPE, Athens.
- Lychnaras, V., 2017. "Review of the recent developments in the Greek heating oil market", *Greek Economic Outlook*, 32:54-57, KEPE, Athens.
- Lychnaras, V., 2016. "Recent developments in fuel prices", *Greek Economic Outlook*, 30:36-40, KEPE, Athens.
- Tsekeris, Th. and V. Lychnaras, 2016. "Natural gas networks and market: Developments and prospects", *Greek Economic Outlook*, 29:47-51, KEPE, Athens.
- Lychnaras, V., 2015. "The evolution of the main RES legal framework", *Greek Economic Outlook*, 28:42-44, KEPE, Athens.
- Lychnaras, V., 2015. "The evolution of the Greek transport fuels market, 2009-2014", *Greek Economic Outlook*, 26:35-39, KEPE, Athens.
- Lychnaras, V., 2014. "RES in Greece: Attractiveness and investment possibilities", *Greek Economic Outlook*, 23:45-47, KEPE, Athens.
- Lychnaras, V., 2013. "Recent developments in the sector of power generation from renewable sources", *Greek Economic Outlook*, 22:38-40, KEPE, Athens.
- Lychnaras, V., 2013. "Energy Production from Biomass: An Overview of Domestic Potential and Investment Opportunities", *Greek Economic Outlook*, 20:48-50, KEPE, Athens.
- Lychnaras, V. and S. Anagnostopoulos, 2012. "Recent developments in the market of small photovoltaic systems on buildings", *Greek Economic Outlook*, 19:48-49, KEPE, Athens.
- Lychnaras, V. and D. Rachiotis, 2011. "Development Policies of RES in Greece" [In Greek], *NAFTEMPORIKI: Greentank*, 8:30-34
- Lychnaras, V., 2011. "Recent Developments in National, European and Global Fuel Prices", *Greek Economic Outlook*, 15:50-52, KEPE, Athens.
- Lychnaras, V., 2010. "The Increase in Liquid Fuels Taxation and the Impact on Fuel Prices and Consumption", *Greek Economic Outlook*, 13:49-51, KEPE, Athens.
- Lychnaras, V., 2010. "Bioenergy Production: New Conditions and Opportunities" [In Greek], *NAFTEMPORIKI: Greentank*, 2:83-85.
- Lychnaras, V., 2009. "Cost of Biodiesel Production in Greece: Economic Analysis of a Low Capacity Unit" [In Greek], *Anemologia*, 54:22-24.
- Lychnaras, V., 2009. "Network for the Collection and Treatment of Biomass from Crops Residues. Investment Opportunities in Bioenergy Sector" [In Greek], *Energy Point*, 24:48-50.

Lychnaras, V., 2008. "Economic Analysis of Energy Crops Production, the Effect of CAP – Solid Biomass Treatment Networks" [In Greek], *Energy Point*, 9:46-49.

Lychnaras, V., 2007. "Cost Analysis of Energy Crops for Liquid Biofuels Production" [In Greek], *Ecotec* 20:40-42.

Christou, M. and V. Lychnaras, 2006. "Liquid Biofuels in Greece: Targets and Possibilities" [In Greek], *Anemologia* 40:10-11.

Workshop Presentations

Lychnaras, V., 2023. "Key features of the energy sector in Greece and the effects of the energy crisis on the economy" [In Greek], Workshop of the Greek Ombudsman: "Energy Crisis: Social and Development Dimensions", 28 March 2023, Athens

Lychnaras, V., 2014. "Energy Cost & Developmental Potential" [In Greek]. Investment Forum: "Investing in Electricity: The Pillar of a Competitive Economy", A-energy, 2-3 July 2014, Athens.

Lychnaras, V., 2012. "Exploration of the Options for Land Use and the Possibilities of Achieving the 2020 Targets in Bioenergy" [In Greek]. 1st Agrotechnology Conference entitled "Greek Agriculture 2012-2020: Agricultural Production, Main Greece's Pillar of Development", 11 June 2012, Thessaloniki.

Soldatos, P., Lychnaras, V., Cosentino L. and C. Panoutsou, 2010. "Economic Viability of Selected Biofuels Crops in the EU", Workshop: Successful scenarios for the establishment of non food crops in the EU, 19 November 2010, Lisbon.

Lychnaras, V., 2009. "Cost of Agricultural Biomass as Raw Material for Pellets Production" [In Greek], Workshop: Pellets – Resources, Technologies & Applications. Agricultural University of Athens, 25 May 2009, Athens, Greece.

Lychnaras, V., Christou, M. and C. Panoutsou, 2006. "Energy Crops – Review of Research & Development" [In Greek], Workshop: Biofuels: From the Field to the Car. GAIA Centre, Goulandris Natural History Museum, 22 June 2006, Athens, Greece.

Lychnaras, V., Christou, M. and C. Panoutsou, 2006. "Perspectives of Energy Crops for Aitolokarnania Region" [In Greek]. Workshop: Renewable Energy Sources Park: There is Another Way for Aitolokarnania. 17 June 2006, Papastratio Megaro, Agrinio, Greece.

Christou, M., Alexopoulou, E., Lychnaras, V. and E. Namatov, 2006. "Energy Crops in Europe and Greece" [In Greek]. Workshop TEE/TKM: The Role of Biofuels for the Development of Industry and Agriculture. 3-4 November 2006, Thessaloniki. Greece.

Seminars

Lychnaras, V., 2023. "The Energy Sector in Greece: (i) Key structural features, (ii) Effects of the recent energy crisis on the economy, (iii) Potential and prospects of the green transition for our country" [In Greek]. Agricultural University of Athens. 4 May 2023, Athens, Greece.

Lychnaras, V., 2014. "Cost of Energy: Market report and impacts for the Greek industry" [In Greek]. Centre of Planning and Economic Research. 31 March 2014, Athens, Greece.

Lychnaras, V., 2011. "RES Sector in Greece: Progress and perspectives" [In Greek]. Centre of Planning and Economic Research. 13 April 2011, Athens, Greece.

Lychnaras, V., 2010. "Agricultural Biomass Management" [In Greek]. Seminar: Biomass Heating Systems, Centre for Renewable Energy Sources and Saving (CRES), 22 April 2010, Athens, Greece.

Lychnaras, V., 2008. "Economic Analysis of Energy Crops Production" [In Greek]. Seminar: Energy Crops – Biofuels Production, Applications and Trade. Agricultural University of Athens, 9-29 January 2008, Athens, Greece.

Participation in Research Projects

European Research Projects

2018–2019: “Structural reforms in Greece 2010–2018”, Study for the European Commission (DG GROW), Coordinator: Austrian Institute of Economic Research (WIFO).

2008–2010: “4F CROPS – Future Crops for Food, Feed, Fiber and Fuel”, Project No. KBBE-212811, Coordinator: Centre for Renewable Energy Sources (CRES), Greece.

2005–2008: “ENFA – European Non-Food Agriculture”, Project No. SSPE-CT-2005-006581, Coordinator: Hamburg University, Germany.

2006–2007: “BIODIESEL CHAINS – Promoting favourable conditions to establish biodiesel market actions”, Contract No. EIE/05/113/SI2.A20022, Coordinator: CRES, Greece.

2002–2005: “ECHAINE – Energy wood production chains in Europe”, Project No. ENK-CT-2002-00623, Coordinator: Swedish University of Agricultural Sciences, Uppsala (SLU), Sweden.

2002–2003: “ERA bioenergy strategy – short term measures to develop the European research area for bioenergy RTD”, Project No. ENK5-CT-2001-80526, Coordinator: Joanneum Research Institute, Austria.

2001–2005: “Bio-energy Chains from Perennial Crops in South Europe”, Project No. ENK6-CT-2001-00524, Coordinator: CRES, Greece.

2001–2004: “Network on anaerobic digestion of wastes from industries and agriculture”, Project No. QLK5-CT-2000-00439, Coordinator: Energigruppen Jylland, Denmark.

2001–2003: “BIOCOGEN – Biomass Cogeneration Network”, Project No. ENK5-CT-2001-80525, Coordinator: CRES, Greece.

2001–2002: “Evaluation Study of the Feasibility for the Development of a Medium Scale Power Plant Fuelled with Biomass in Central Greece”, Project No. AL4.1030/C00-022/173, Biomass in the Mediterranean – ALTENER 2, Coordinator: Public Power Corporation S.A. (PPC S.A.), Greece.

2001–2002: “Options for Achieving the Target of 45 Mtoe from Energy Cropping in the EU in 2010”, Project No. AL4.1030/C00-022/177, Biomass in the Mediterranean – ALTENER 2, Coordinator: CRES, Greece.

2001–2002: “Biomass Residues Utilisation as Fossil Fuel Substitute for Power Generation and District Heating in the Mediterranean Region”, Project No. AL4.1030/C00-022/220, Biomass in the Mediterranean – ALTENER 2, Coordinator: National Technical University of Athens (NTUA), Greece.

2001–2002: “Implementation of a Biodiesel Production Plant in Northern Greece”, Project No. AL4.1030/C00-022/265, Biomass in the Mediterranean – ALTENER 2, Coordinator: ELINOIL – Hellenic Petroleum Company S.A., Greece.

National Research Projects

2019-2023: “Intelligent Research Infrastructure for Shipping, Supply Chain, Transport and Logistics (EN.I.R.I.S.S.T.)”, Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020, Coordinator: University of the Aegean (UAegean).

2006-2007: “Study for the Determination of the Technical, Economic and Legal Conditions for the Agricultural Sector, in order to reach the National Biofuels Targets”, Operational Programme for the Agricultural Development and Reform of the Countryside, Coordinator: Center of Renewable Energy Sources (CRES) – Greece.

2003-2004: “Implementation and Evaluation of the First Biodiesel Chain in Greece”, Community Support Framework Greece 2000-2006: Operational Program Competitiveness, Project No: 4.5.1-ΣΠ-E-E4, Coordinator: ELINOIL SA – Greece.

2000-2002: “Establishment of Rapeseed Demonstration Fields for Biodiesel Production, in Orestiada Region”, Programme of Technological Demonstration Projects, Project No: EPER 070, Coordinator: Center of Renewable Energy Sources (CRES) – Greece.

Related Scientific Activities

Membership of Scientific Committees

Alternate Elected Member of the KEPE Studies Committee (2026)

Full Member of the KEPE Library Committee (2026)

Alternate Elected Member of the KEPE Studies Committee (2025)

Full Member of the KEPE Library Committee (2025)

Alternate Member of the 2nd KEPE Service Council (2025)

Alternate Elected Member of the KEPE Studies Committee (2024)

Alternate Elected Member of the KEPE Studies Committee (2023)

Full Elected Member of the KEPE Studies Committee (2022)

Full Member of the KEPE Studies Committee (2021)

Full Member of the KEPE Studies Committee (2020)

Full Member of the KEPE Studies Committee (June–December 2019)

Full Elected Member of the KEPE Studies Committee (2018)

Full Member of the KEPE Library Committee (2018)

Peer Reviewer

Energy Policy (Elsevier)

Biomass and Bioenergy (Elsevier)

Software Design and Development

BEE – Biochains Economic Evaluation Model (2004). Participation in the design and development of a model for the economic analysis of bioenergy chains, Agricultural University of Athens (AUA).

Evaluation of Proposals under NSRF 2007–2013

Operational Programme “Human Resources Development”: Action “Enhancing the Employment of Research Personnel in Enterprises”.

Operational Programme “Competitiveness and Entrepreneurship”: Programme “Cooperation 2011 – Partnerships between Productive and Research Bodies in Focused Research and Technological Fields”.

Operational Programme “Competitiveness and Entrepreneurship”: National Action “Creation – support of new innovative enterprises, mainly knowledge-intensive enterprises (Spin-off, Spin-out)”.