



Scuola di Giurisprudenza

School of Advanced Studies
Scuola Internazionale di Dottorato



8th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC CONFERENCE ON VIII SWS Conference on Social Sciences (ICSS)

SWS Conferences on Social Sciences (ICSS)

Wien 9 December 2021 h. 11.30 a.m.

The link for the workshop is available at the following websites
<https://www.sgemwien.org/index.php/sgem-vienna-art-deadlines/workshops-sessions>

Workshop

A Prosumer's Charter: New Perspectives in the Energy Transition Era

An economy based on fossil energy is neither competitive, nor sustainable, and the transition to an energy system based on renewable sources is no more an option, but a necessity. One of the most important elements of this transition is the energy market's changing, with its transformation from a centralized system to an open one with several production units, and the birth of the prosumer, i.e. a consumer who becomes a producer of energy, active on this new market. Helping the energy consumers to become prosumers, increasing their knowledge and awareness about the benefits of this transformation, are fundamental steps to achieve the Agenda ONU 2030 goals and can contribute in contrasting climate change and energy poverty. In this context the birth of a Charter that will show the fundamental rights and duties of the prosumer which have to be recognised and protected by every single State is considered strategically important.

The main goal of the workshop is to show the Prosumer's Chart and to open a discussion, moderated by one of the ECPE research group's members, on its content with the main objective to implement it through impressions, suggestions and even critics.

Another objective is to share information about the function and working of energy communities, giving legal and practice informations and showing case studies.

At the end of the workshop all participants (experts, researchers and professionals interested in energy transition) will be involved in the open discussion about the Prosumer's Charter and the arguments of the speakers' works, aimed to improve the contents of the Charter itself.

The event is a follow up event of the previous workshop held last 25th August 2021, during the International Conference on SOCIAL SCIENCES - ISCSS 2021, 21-30.08.2021.

Manuel Feliu Rey Chairman, Full professor, University "Carlos III" Madrid, Spain

Lucia Ruggeri Full Professor, Director of the School of Specialization in Civil Law, University of Camerino, Italy,

Keynote Speech - How Far We have come, how Far We still have to go: how Energy Communities can help Prosumerism

Manuela Giobbi Research Fellow, University of Camerino, Italy

A Prosumer's Charter: New Perspectives in the Energy Transition Era

1. I Session: Global views on Prosumerism

Marine Cornelis Executive Director and Founder, Next Energy Consumer, Turin, Italy.

Building a Just Energy Transition supposes providing Access to Energy Justice

Abstract. Energy consumers have rights, including the right to access justice if they have a problem with their energy supplier. Complaints are useful for taking stock of markets and understanding where systemic interventions are needed. But for some people, especially the poorest and most vulnerable, accessing justice and redress is an uphill struggle: knowing your rights, knowing who to turn to, getting past the bureaucracy. Just Energy has been organising for 4 years how consumers turn to competent bodies, such as ombudsmen. We have seen that these organisations, although willing to help, can also feel powerless. As a result, we have produced a toolkit that will enable them to respond to different forms of vulnerability and become real allies in building a just transition.

Art Nash Associate Professor of University of Alaska Fairbanks, Alaska, USA.

Prosumerism in America's Final, Arctic Frontier- Moving Forward

Abstract. Though USDA utility co-ops have been providing power this past century for many Alaskans primarily on the backs of dam hydro, coal, diesel, natural gas, there have always been homesteaders and lodges creating their own power via nano grids (40kW or less) due to isolation. Likewise, the past half century has seen a large outcropping of over 100 remote, enclaved communities microgrids (100kW and above) utilizing renewables due to the difficulties of diesel transport and pricing. Yet during the last couple decades even the masses on the road system prosumer entrepreneurs have been developing collaboratives to generate their own (and excess) power with specific wood, solar and micro-hydro projects. Attend and hear from America's only arctic state, the Last Frontier, on these efforts!

Dr. Vassiliki Koumpli Senior Research Fellow, Greece

ADR & Prosumers - The Case of Greece

Abstract. Energy from renewable sources has greatly promoted 'prosumer' ideology, which has become a trend in the energy sector. Technologies are already in place and it is fully reality today that the energy consumers are able to produce, consume and share a part or all of their needed energy from renewable sources. This can also be done on a collective basis, through the Energy Communities. The establishment of effective mechanisms for resolving disputes in which prosumers are involved is not only a necessary tool for customer protection but also an instrument for improving market performance. In this framework, the growing field of ADR schemes may represent an efficient, speedy and lowcost tool to solve "prosumer disputes". The Greek regulatory framework on both prosumerism and ADR is gradually evolving and worth examining.

Dr. Lidia-Lenuta Balan PhD, Romania

Prosumerism in Romania

Abstract. In the context of the accelerated development of information technology, new energy business models, new energy trends and flexible access to renewable energy sources, prosumerism is one of the contemporary and efficient approaches to achieving energy transition and of climate neutrality. This approach requires the implementation of renewable energy systems (especially photovoltaic) for individual homes, residential buildings and consumers in areas away from urban areas taking into account the population explosion and the macro use of digital equipment that will contribute over time to remodeling policies for the energy sector. This study presents the identification of some aspects regarding the activity of the national prosumer, in accordance with the provisions of Law no. 184/2018 for the approval of the Government Emergency Ordinance no. 24/2017 on amending and supplementing Law no. 220/2008 for establishing the system for promoting the production of energy from renewable energy sources and for amending some normative acts, detailing some recommendations for improving the current legal framework for this sector.

Dr. Ari Ferreira Junior PhD Candidate, University of Camerino, Italy

Energy Poverty as Social Inequality and Right to access to Energy in Brazil

Abstract. As an objective, this article seeks to demonstrate how the energy factor can cause social inequality. It is possible, based on the latest report by the Brazilian Institute of Geography and Statistics (IBGE) on the Survey of Family Budgets (POF - 2017/2018), to conclude that Brazilians from the lower income segments commit a large part of their family budget in electricity expenses. In this sense, in some cases, they suffer from lack of access and/or difficulty in accessing electricity, which can be defined as energy poverty. As a result, it is argued that the right of access to renewable energy is fundamental to combat social inequality and promote other fundamental rights, especially access to renewable energy, as exemplified by the Agenda 2030, of the United Nations (UN), in global goal n. 7, clean and affordable energy. As a contribution, it is proposed that public policies be implemented to encourage the diversification of the country's electricity matrix - which is already highly renewable.

Dr. Karina Zabrodina PhD Candidate, University of Camerino, Italy

Energy Communities: Which Kind of No Profit incomes? The Italian Perspective

Abstract. Although in Italy the transposition of Directives (EU) 2018/2001 and 2019/944 has not yet been fully implemented, the two schemes of the respective legislative decrees of implementation can already offer some useful clues to think over on the types of revenues that can be generated within the energy communities as well as on the activities of social interest in which they could be reinvested for the benefit of the entire community. Therefore, the goal of this contribution is to identify the main sources of non-profit income, including, for example, the sale of excess energy, the profitable use of personal data, any gains arising from the provision of the vehicle charging service, etc. Secondly, to imagine the possible non-profit use of these revenues, also through the involvement of all local actors, public and private, meeting the objective of offering the members of the community and the territory in which it operates a wide range of social benefits.

2. II Session: The topics of the Prosumerism

Dr. Julia Martin Rodrigues PhD Candidate, University of Camerino, Italy

Creating a Cooperative-based Energy Transition

Abstract. There is a growing choice for applying the cooperative model in community-led renewable energy projects to diversify from fossil fuel. Joint locally-owned clean energy movements can combine multiple innovative cooperative ventures into multistakeholder networks to face the inherent challenges of the energy transition towards sustainability. Cooperative-based prosumerism can ensure that renewables fulfill their promise as responsible and reliable energy sources for future generations by nurturing a robust collaborative culture among a crowd of health-minded community members, scholars, entrepreneurs, and public agents.

Dr. Federico Pascucci Research fellow, University Politecnica delle Marche, Italy

Energy Communities and Worker Cooperatives

Abstract. The speech will regard the form that an energy community can choose, focusing the attention on the cooperative form.

In particular the analysis will be centered on the worker cooperative's form and the possibility for energy communities to pick up this type of cooperative in its pursuit of economic, environmental and social benefits for the local areas.

TECHNOLOGIES AND LAW

Dr. Sharmin N. Chougule Lawyer, India

IoT with Blockchain: The Future of Energy Community Management under Industry 4.0

Abstract. Cyber-physical systems with the help of the fourth-generation Industrial revolution (Industry 4.0) technologies will make communication processes between the physical and digital world faster and efficacious. These smart machines are perceived to have the potential of making the present - non-reticulate processes to be more calculable and accessible through the process of collection and processing of huge amounts of data.

While the present reliance on non-renewable sources, majorly the fossil fuels, is adding to the global warming levels, there is a dire need to switch to renewable sources of energy in an efficient manner. This is possible only with globally reinforced unified efforts in line with the United Nations Sustainable Development Goals (UNSDG). Researchers believe that IoT, which is a manifestation of Industry 4.0, will expedite energy efficiency by keeping a check on the real-time energy consumption. IoT will also act as a catalyst to having an integrated 'energy management system' in place by generating awareness of energy performance at all levels of supply chain and actuating deployment of renewable sources of energy. This research also ponders on the tools and enabling technologies as well as the challenges and possible solutions in the application of IoT. One of the notable methods in dealing with the intricacies of IoT application in the energy sector is the Blockchain technology. Researchers reckon that in today's centralised world driven by data, Blockchain is a boon. Its decentralised approach will not only help in synchronisation of data without infringing user privacy and the security of the system but will also lead to effective transmission and distribution of energy.

Dr. Giovanni Russo PhD Candidate, University of Camerino, Italy

The Interconnection of the EV Charging Points. A new Possibility from Directive 944/2019

Abstract. Climate change has prompted the Heads of Government to adopt increasingly stringent measures to reduce pollution. In this strategy sustainable mobility is found. In particular, electric vehicle development presents some problems, such as the charging infrastructure network and its interconnection. Directives 2001/2018 and 944/2019 are crucial in this respect. The last one, above all, aims to create favourable conditions for the diffusion of electric vehicles, ensuring both the spread of charging points, both public and private, and the connection between them. The increase of energy communities encourages the consumer to use the auto-produced energy to recharge electric vehicles and/or vehicles falling into the so-called soft mobility.

Maybe these directives represent the best solution to the interconnection problem and increase of charging point because they create favourable conditions for the diffusion of electric vehicles.

The growth of a capillary charging network and its interconnection could be the end of the shortage of the charging infrastructure network.

CITIZENS AND LOCAL AUTHORITIES

Dr. Marina Varvesi Responsabile Ricerca e Innovazione, AISFOR, Italy

The Role of Municipalities in fighting Energy Poverty and how can EPAH support

Abstract. Municipalities are key actors in the fight against energy poverty. However municipalities do not always have the necessary skills and competencies to design energy poverty related policies (SECAP, Just Transition Plans, etc.) which are incisive enough to launch effective actions. EPAH (Energy Poverty Advisor Hub) is the second step of the energy poverty Observatory (EPOV) and has the aim to support municipalities in the process of designing policies and implementing actions to actively contribute to tackling energy poverty. EPAH foresees numerous services to support municipalities such as case studies, training, visual map of initiative and above all calls for expert support which will be launched in January.

Dr. Mariafrancesca Lucente PhD Candidate, University of Camerino, Italy.

The Energy Community as a New Tool for Citizens' Active Participation: New Legal Subjects and Protection Profiles

Abstract. In order to promote in the European energy scenario the diffusion of the innovative energy decentralization subject, such as the energy community, it is worthwhile to dwell and conduct an investigation on the legal form that the energy community, as conceived by the European legislator, can concretely assume compatibly with the Italian regulatory framework and beyond. Like the definitions coined in the European context, it is highlighted that energy communities can be configured as an aggregation of natural and legal persons, who carry out their activities within a specific territory and, with the main purpose of offering its members or the territory in which it operates, environmental or social benefits. Energy communities, as consumer empowerment and community-driven initiatives, play a key role in social innovation as they reflect a fundamental change in consumer behavior, from a mere traditionally passive user to a co-owner energy prosumer of renewable energy plants and community energy participant. In short, it emerges that the energy community should not be understood as a business model to be implemented, but as a modus operandi that each ordinary citizen must be inspired by, in order to contribute to concretely implement that process of energy transition towards the much desired sustainable development.

TAX SYSTEM

Dr. Salvatore Antonello Parente Researcher and contract lecturer in Tax Law, University of Bari

Implementation of Renewable Energy Sources and Tax-related Conditioning: The Case of Wind Farms

Abstract. The "future of energy" seems to be characterized by the gradual replacement of new ecological sources with traditional fossil fuels, which are running out, with the main purpose of achieving cost savings and pursuing environmental sustainability objectives.

Within the EU, through the elaboration of a "European green deal", a strategy was adopted that intends to transform the economic system according to a more modern, efficient, competitive, sustainable and inclusive paradigm, through the implementation of clean technologies to promote, in the long term, the production of energy in a completely decarbonised way, with a consequent zero climate impact.

Nevertheless, barriers and resistances to the spread of energy sources continue to exist, linked to endogenous factors and the contents of the legal system, primarily tax matters: this is the case of the cadastral income from wind farms intended for the production of electricity (so-called "wind farms"), which has always been a source of criticism, despite the fact that it is now clear, compared to the past, the obligation to proceed with the relative scaling.

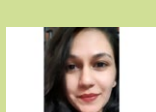
3. III Session: Open Discussion

Dr. Roberto Garetto Moderator - Research fellow, University of Camerino, Italy

All Workshop participants share ideas, comments and suggestions on Prosumer's Charter



Lucia Ruggeri is Full Professor of Private Law at the School of Law of the University of Camerino. She coordinates the PhD curriculum Civil law and Constitutional Legality at the School of Advanced Studies of the University of Camerino. Moreover, she is the director of the School of Specialization in Civil Law at the University of Camerino. Lucia Ruggeri has been a speaker at various conferences and seminars. She is an author and a curator of numerous publications focused on Contract and Property Family Law. She was the coordinator of the EU Consortium PSEFS' Personalized Solution in European Family and Succession Law PSEFS'. Currently, she is the coordinator of the EU Consortium EU-FamPro' EU-FamPro: E-Training on EU Family Property Regimes' and the coordinator of 'ECPE: Enabling Consumer to become Prosumer in the Energy transition era'.



Manuela Giobbi - former research fellow at the University of Perugia, now is research fellow in Private Law at University of Camerino. She graduated from the School of Specialization in Civil Law at the University of Camerino and later received PhD in Law and Economics (2010). She is a member of the Foundation Scuola di Alta Formazione Giuridica. Manuela Giobbi's main areas of interest are consumer protection, policy regimes and market regulation. She has been a speaker at national and international conferences and she is author of several scientific articles. She was a research member in the EU Project PSEFS - Personalized Solution in European Family and Succession Law'.



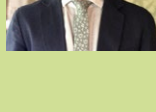
Marine Cornelis - is the executive director and founder of Next Energy Consumer, a policy consultancy focused on the social aspects of the energy and climate transitions at European and international levels. Her work bridges the needs and experience of civil society, scientific communities, business and policymakers, in the energy and climate transitions. Her commitment enabled her to be appointed one of the first ambassadors of the European Climate Pact.



Art Nash - is Associate Professor of Energy providing statewide outreach from the UAF Institute of Agriculture, Natural Resources and Extension, University of Alaska Fairbanks, Alaska.



Vassiliki Koumpli - is a Supreme Court Lawyer, Senior Associate at "Metaxas & Associates Law Firm" and Senior Research Fellow at the Hellenic Institute of International and Foreign Law and the Hellenic Energy Regulation Institute. Her main focus lies on energy law, EU law, competition and state aid law and international and comparative law. She is also extensively experienced in dispute resolution, being Mediator & Arbitrator MCI/Arb and Mediation Trainer at Panteion University of Social and Political Sciences. She participates in numerous organizations and associations (e.g. Chartered Institute of Arbitrators, European Court of Arbitration, ICC Hellas Mediation & ADR Committee, Hellenic Union of Mediators etc.) and she regularly writes and speaks on the topics of her interest at national and international fora.



Lidia Lenuta Balan - is advisor at the General Directorate of Policies and Strategies within the Ministry of Research, Innovation and Digitization, researcher at the European Institute of Romania, Evaluator at the Malta Council for Science and Technology and was Minister Counselor at the Ministry of Research, Innovation and Digitization.

She has been a speaker at various conferences and seminars in the field of environmental protection. She is the author and co-author of numerous publications with a focus on environmental protection. She was project manager for the European project with the acronym: DARLINGE - Danube Region Leading Geothermal Energy (Interreg 2019) and is currently project manager for the European project with acronym SIMONA - Indegen-quality Information, Monitoring and Assessment System to support transnational cooperation for joint Danube Basin water management.



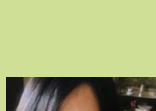
Ari Rogério Ferrá Júnior - is a PhD student in Civil Law and Constitutional Legality at the University of Camerino (Italy). He is a Brazilian lawyer and holds a law degree from the Federal University of Mato Grosso do Sul (Brazil). He also holds a master's degree in human rights from the postgraduate program in law at the Federal University of Mato Grosso do Sul (Brazil). He is currently an external expert of the ECPE Project research group. In Brazil, he is a reviewer in legal journals, such as the Civislistica journal and the Human and Fundamental Rights journal (UFMS).



Karina Zabrodina - graduated in Law with full marks at the University of Camerino, in Italy. In 2019 she won a Fondazione Intesa SanPaolo scholarship and currently she is a PhD student in Civil Law and Constitutional Legality at the University of Camerino. Her PhD research focuses on Cultural Leadership for Local Development that includes studies about economic growth and social renaissance of areas affected by earthquakes. Currently, she collaborates in an international research team within the ECPE project - Enabling Consumer to become Prosumer in the Energy Transition Era. Furthermore, she is one of the winners of the European Charter Young Lawyers Award 2020 held by the International Academy of Family Law and recently she has taken part in the National Network of Young Researchers for the Inner Areas in Italy promoted by Politecnico di Milan.



Dr. Julia Martin Rodrigues - is an attorney, member of Ordem dos Advogados do Brasil. She received her B.A. and her Master of Laws in Human Rights and Innovation from Universidade Federal de Juiz de Fora. She developed her PhD studies in Legal and Social Sciences at Università Degli Studi di Camerino as part of the Civil Law and Constitutional Legality curriculum. Before completing her program, she engaged in research at the University of Colorado Boulder Law School as a Visiting Scholar.



Federico Pascucci - is Research Fellow in Private Law at University 'Politecnica delle Marche', Italy. Previously he is research fellow in Labour law at University of Camerino, Italy. He is a member of the research group of the Enabling Consumer to become Prosumer in the Energy Transition Era-ECPE and of the Personalized Solution in Family and Succession Law-PSEFS projects. He is the author of two books, articles and papers on labour and civil law. He has been a member of the editorial committee and one of the authors of the book "Needs and Barriers of Prosumerism in the Energy Transition Era".



Sharmin N. Chougule - holds an LL.M. in International Laws (with Distinction) from the Indian Law Society (ILS) Law College, University of Pune, India. Previously, Sharmin graduated with LL.B. and B.Com. degrees (Economics Merit Scholar) from the University of Mumbai, India. Sharmin has cleared her Company Secretary (ICS) Foundation and Executive level public exams conducted by the Institute of Company Secretaries of India (ICSI). She was formerly working with Publicis Groupe, India Country Office, as an in-house Legal Counsel. Before Publicis, She worked with the Legal, Compliance Department at Acuité Ratings & Research Limited, a credit rating agency registered with the Reserve Bank of India and Securities Exchange Board of India. She has published two papers in reputed peer reviewed journals over the course of the year 2021. Apart from professional commitments, She was also an intern with Majlis Legal Centre for Women, Mumbai, where she worked to provide legal aid to vulnerable and marginalised women. She will enter as a PhD Candidate in the curriculum of Civil Law and Constitutional Legality at the International School of Advanced Studies (ISAS) at the University of Camerino, Italy.



Giovanni Russo - has studied Law at the University of Camerino, Italy. He graduated in April 2018 with full marks. Currently, he is a PhD student, and his research is about "E. Mobility. Legal profiles of «Smart» transport". His scholarship is a laurea studentship holder, in Civil Law and Constitutional Legality at the University of Camerino, Italy. He went to Oxford and Cambridge for research activities. He is the author of six publications. He is a member of editorial teams such as the Treaty of Arbitration directed by Daniele Mantucci, the Civil code by G. Perlingieri e M. Angelone, the proceedings of the Conference about Emilio Betti directed by Giovanni Perlingieri and Lucia Ruggeri. He takes part in some research projects. He was an external expert of the PSEFS Project, he is a member and support of management and communications activities for the ECPE Project. He is a subject expert at the University of Camerino and the University of Cassino and Lazio meridionale. He was a winner in some calls for papers like the «Congresso Internazionale de Jóvenes Civilitas. Los Nuevos Retos e Derecho de Familia», at University of Salamanca. He is an invited speaker in the «2nd Summer School for young researchers» at the University of Valencia. He takes part in a lot of events as a speaker. He speaks Italian and he is a proficient English speaker.



Marina Varvesi - is specialized in development and management of National, European and International initiatives in scientific fields. She has more than 20 years experience in coordinating and working in International teams for the delivery of knowledge building and sharing, networking, training, awareness raising and dissemination activities. She has collaborated as consultant with the International Center for Science (ICS - UNIDO), for Italian Consumer association (ADICONSUM), for the Italian NCP of the European Framework Programme for RTD (APRE) and for other private and public bodies. She works in AISFOR since its creation and is responsible of the "Innovation and Development" area. She has coordinated all the energy efficiency initiatives and she is responsible of the training activities within the European Energy Poverty Observatory. She is founder and President of the non profit association "RETE ASSISTIT" actively contribute to tackle energy poverty through empowerment of operators and networking of stakeholders.



Maria Francesca Lucente - is a PhD Candidate at University of Camerino. She is a civil lawyer. She is also specialized in Civil Law at University of Camerino and was research fellow in the Comesto project (Unical), in the field of energy communities.



Salvatore Antonello Parente - is Researcher and contract lecturer in Tax Law, Department of Economics, Management and Business Law of the University of Bari "Aldo Moro", where he teaches "Tax law" and "Principles of tax law" at the Degree Courses of Economics. He also possesses the Qualification as Associate Professor in Tax Law, and is Author of several scientific publications on tax law, including 3 monographs.



Roberto Garetto is a research fellow in private law at the Law School of the University of Camerino. He graduated in Law (JD) at the University of Camerino, Italy, and in Spain (Prueba de Conjunto). He obtained a Bachelor of Philosophy degree at the University of Murcia, Spain. He earned his PhD in 'Civil Law in Constitutional Legality' at the University of Camerino, Italy. He was a visiting scholar at the University UNNE of Corrientes, Argentina, and at the University of Pittsburgh, USA. He has several years experience teaching in secondary schools and in adult education programs, as well as at university level, as teaching fellow and adjunct professor. He has published legal articles in English, Spanish and Italian, mainly dealing with personal and fundamental rights, marriage and family law, and environmental law. He has been invited to speak at several conferences.

He was a team member of the project 'Personalized Solution in European Family and Succession Law - PSEFS' and is a team member of the projects 'E-training on EU Family Property Regimes - EU-FamPro' and 'Enabling Consumer to become Prosumer in the Energy transition era - ECPE.



Manuel Ignacio Feliu Rey is Professor in Civil Law at the University Carlos III, Madrid. He is Director of Research Group on Real Estate and Building Law at Private Law Department University at Carlos III de Madrid. He is a member of Directorate (Law & Technology), Research Academic Unit. He is a member of a lot of study centres. He is the author of several publications. He is a member of different national and international Projects. He is a member of the ECPE Project

SCIENTIFIC COMMITTEE:
Committee Members SSHA Please see the list at the following link
<https://www.sgemwien.org/index.php/committee/committee-board/committee-member-ssa>

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Lucia Ruggeri, Roberto Garetto, Manuela Giobbi and Federico Pascucci

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