

## CURRICULUM VITAE

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Nationality	Spanish
Date of birth	June 7 <sup>th</sup> 1976
Gender	Male



## PROFILE

Kepa is founder, partner and CEO of Global Factor since March 2004. The group has become one of the leading firms specialising in climate change, renewable energy, environmental commodities and sustainability, with offices in Spain (Bilbao, Madrid), Italy (Milan), Germany (Berlin), Ecuador (Quito) and Mexico (Mexico City). Over the course of his career, he has had the opportunity to lead more than 300 climate change and energy projects in more than fifty countries for international organisations, such as the World Bank, the Inter-American Development Bank, the United Nations or the Green Climate Fund, as well as for national and international private companies.

In 2017 he became board member of Metroeconomica, an independent consulting group specialising in economic and environmental policy analysis, resource use and sustainable development. It provides expert services to a wide range of national, regional and local government clients, as well as international donor organisations, private sector companies and non-governmental organisations. His role includes providing strategic guidance to the company, as well as overseeing projects and methodologies.

In 2021 he joined as President of the Spanish Association for Energy Economics (AEEE) a non-profit organisation founded in Vigo, Spain, by several professionals from different scientific fields that are related to Energy Economics.

In 2022, Kepa also founded Offcarbon, a start-up focused on credit origination that can be traded on the voluntary carbon markets. Its aim is to provide financial and technical knowledge to promoters of projects with a high climate impact, so that they can capitalize on the opportunities that the international carbon markets offer and make their initiatives a reality, in addition to contributing to the countries' sustainable development goals and the mitigation of climate change.

On the experience side we can highlight the following works:

- Consultancy for the implementation of the Panama Readiness, CAF, Panama, (2020-2022).
- Consultancy to support the update of The Bahamas' National Determined Contributions (NDCs). CCCCC, Bahamas (2022).
- Decarbonization pathways for the Dominican Republic: assessment and implementation of the NDC. The World Bank (2022).
- Technical Advisory Services for Finalizing the Development of GCF Country Programs in Albania, Georgia, Moldova, and Serbia. GCF (2022).
- Results-based Climate Finance to support mitigation policies in developing countries. The World Bank (2022).
- Elaboration of the regional plan for adaptation to climate change of the Government of La Rioja (Spain)(2023-2030).
- Elaboration of the draft Integrated Valencian Energy and Climate Change Plan (Spain 2022).

- Joint-MDB climate finance and Paris alignment reporting support consultancy. COWI (2022)
- Consolidating Panama's NDC implementation strategy linked to economic recovery through a National Climate Action Plan, World Bank, (2020-2021).
- Guide to climate opportunities and decarbonisation strategy for ACCIONA's operating centres, Acciona, Spain, (2020).
- Analysis of the possibility of developing a blue carbon market in Spain. (2021). Centro de Estudios Avanzados de Blanes (CEAB) es un instituto propio de investigación del CSIC.
- Preparation of the report "State of the Environment of Suriname 2020, IDB, Suriname, (2020-2021).
- Conducting a mitigation analysis based on the emissions portfolio for Trinidad and Tobago, UNDP, Trinidad and Tobago, (2019-2020).
- Support in the roll-out of activities for the promotion of sustainable off-grid renewable energy investments for the implementation of the NDC, GIZ, Germany (2019).
- Study of current and future GHG emission reductions caused by energy efficiency and renewable energy investments in Bolivia, GIZ, Bolivia, (2018).
- Development of a Baseline Methodology for GHG emissions and climate resilience of the portfolio of activities of GCF Accredited Entities, (2018).
- Assessment of climate change mitigation options to support the UK government in developing its International Climate Finance (ICF) Portfolio,
- Climate Smart Caribbean Islands Programme - Mitigation Component, IDB, Trinidad and Tobago, Bahamas, Belize, (2015-2017).
- Assistance to the development of the Blue Carbon project bank (2016) International Union for Conservation of Nature (IUCN).
- Development of the National Climate Change Plan (2013-2017). UNDP, Ecuador.
- Implementation Plan for the National Green Growth Strategy, GGGI, Peru, (2016).
- Low Emissions Capacity Building (LECB) Programme in the Philippines. Development of a Private Sector Roadmap for Low Emission Development Strategies, UNDP, Philippines, (2016-2017).
- Bogor City Climate and Energy Action Plan, AFD, Indonesia, (2015-2016).
- GHG Emissions Accounting of the Tourism Sector of Montenegro. UNDP (2015),
- Sustainable Energy Plan and Climate Strategy of Bilbao, (2008-2013).
- Basque Climate Change Strategy, Government of the Basque Country, Spain, (2014-2015).
- Support to the implementation of the "Slovak Sustainable Energy Financing Facility III ("SlovSEFF III")", EBRD, Slovakia, (2014-2021).
- ADAPTA Initiative of the Spanish Climate Change Office (OECC) CMAE Foundation and OECC (2013-2015).
- Development of a strategy for carbon emissions reduction in Trinidad and Tobago, UNDP, Trinidad and Tobago, (2013).
- Energy modelling scenarios for Cape Verde, Gesplan, Cape Verde, (2012).
- State Climate Change Action Plan for the State of Yucatan, IDB, Mexico, (2012).
- Renewable energy action plan, 100% removable vision, Sitges City Council Public Authority, Spain, (2010).
- Climate Projections at Local Scale (Platja de Palma System) SPdP: Platja de Palma Consortium (2010-2011).
- Tourism, Energy and Climate Change Report. Sociedad Estatal para la Gestión de la Innovación y Tecnologías Turísticas. S.A. SEGITTUR (2010).
- Climate Change Vulnerability Assessment of the Balearic Islands. Government of the Balearic Islands (2009-2010).
- Valencia Sustainable Energy Action Plan, Valencia City Council, Spain, (2009-2010).
- GHG emission scenarios for the Climate Change Action Plan for San Sebastian 2008-2013. San Sebastian City Council Spain, (2007).
- Development of Basque Government Policies on Climate Change, IHOBE, Spain, (2006).

## ACADEMIC SERVICE

- Associate professor of “Economics and the Environment” at the University of Navarra (since 2014).
- Associate professor of “Environmental Economics” for the Biodiversity, Landscape and Sustainable Development Master, at the University of Navarra (since 2010).
- Professor of “Environmental Economics and Accounting” in the International Master in Sustainable Development and Corporate Responsibility (English), at the School of Industrial Organization (Escuela de Organización Industrial - EOI, Madrid) (since 2009).
- Professor of “Climate Change” and “Environmental Economics” in the Engineering and Environmental Management Master, at Deusto University, Bilbao-Bizkaia (2009-2016).
- Associate professor of “Natural Resources Economics”, at the University of Navarra (2009-2012).

## EDUCATION AND TRAINING

- Ph.D. in Economics. Complutense University of Madrid, Spain (2014- 2019).
- Master in Sustainability and Corporate Social Responsibility., UNED. National Distance Education University, Spain (2012-2014).
- Bachelor in Philosophy. UNED. National Distance Education University, Spain (1999-2006).
- Master in Legal, Economic and Social Organization of Environment. School of Industrial Organization (Escuela de Organización Industrial - EOI, Madrid), Spain (1999-2000).
- B.A. in Law. Deusto University. Bilbao-Bizkaia, Spain (1994-1999).
- Diploma in Economics. Deusto University. Bilbao-Bizkaia, Spain (1994-1999).
- B.A. in Cooperative Studies. Deusto University. Bilbao-Bizkaia, Spain (1998-1999).
- Languages:
  - **Spanish:** Native.
  - **English:** Proficiency in speaking, reading, and writing

## LATEST RESEARCH AND PUBLICATIONS

His research and publications, include the following:

- **“Climate Change Impacts on Hydropower and Electricity Demand in Suriname”** Salvador Del Valle, María; Solaun, Kepa; Alleng, Gerard; Flores, Adrián and Abadal, Jordi. Inter-American Development Bank (IDB). 2022.
- **“State of the Climate Report: Suriname”** Kepa Solaun, Gerard Alleng, Adrián Flores, Chiquita Resomardono, Katharina Hess and Helena Antich. Inter-American Development Bank (IDB). 2022.
- **“A Multicriteria Methodology to Evaluate Climate Neutrality Claims- A Case Study with Spanish Firms”** Iker Larrea, Jose Manuel correa, Rafaella López, Lidia Giménez and Kepa Solaun. Sustainability. 2022.
- **“An Integrated Approach for Evaluating Climate Change Risks: A Case Study in Suriname”** Helena Antich-Homar, Katharina Hess, Kepa Solaun, Gerard Alleng and Adrian Flores. Sustainability. 2022.
- **“Environmental Economics. A Guide for Practitioners”**. Kepa Solaun. Editions University of Navarra (EUNSA). 2021.
- **“BEIS ICF Mitigation Investment Options: Opportunity Assessment Reports”**. Factor. United Kingdom Business, Energy & Industrial Strategy (BEIS) department. 2020.
- **COVID-19 and climate change objectives”**. Kepa Solaun. Instituto Complutense de Estudios Internacionales. 2020.
- **“Influence of climate change on electricity demand. case study in the Basque Country”** Kepa Solaun, C.A. Emilio Cerdá. DYNA. <https://doi.org/10.6036/9344>.
- **“Impacts of climate change on wind energy power – Four wind farms in Spain”**. Kepa Solaun, C.A. Emilio Cerdá. Renewable Energy. Available online: 22/06/2019. Volume 145, January 2020.
- **“Climate change impacts on renewable energy generation. A review of quantitative projections”** Kepa Solaun, C.A. Emilio Cerdá. Renewable and Sustainable Energy Reviews. Available online: 27/09/2019. Volume 116, December 2019, 109415.

- **"A New Narrative of Resilient and Climate Smart Societies. Aligning Adaptation, Mitigation and the SDGs"** Kepa Solaun, Florian Eickhold and Mats Marquardt. GIZ. 2019
- **"Vulnerability and Adaptation to climate change in Sao Paulo"** CAF and CIOESTE. 2018.
- **"The Impact of Climate Change on the Generation of Hydroelectric Power: A Case Study in Southern Spain"**. Kepa Solaun, C.A. Emilio Cerdá. Energies. 2017.
- **"Vulnerability Index of the Metropolitan Area of the West Region of Sao Paulo, Brazil"**. CAF and CIOESTE. 2017
- **"Mainstream climate change adaptation into the business strategy. Methodological guide for the analysis and prioritization of adaptation measures to climate change. Pilot case: Ferrovial"** Spanish Climate Change Office and the Ministry of Agriculture, Fisheries, Food and Environment. 2016.
- **"Mainstream climate change adaptation into the business strategy. Methodological guide for the analysis and prioritization of adaptation measures to climate change. Pilot case: Endesa"** Spanish Climate Change Office and the Ministry of Agriculture, Fisheries, Food and Environment. 2016.
- **"Mainstream climate change adaptation into the business strategy. Methodological guide for the analysis and prioritization of adaptation measures to climate change." (General Guide)**. Spanish Climate Change Office and the Ministry of Agriculture, Fisheries, Food and Environment. 2016.
- **"Balance and perspectives on sustainable energy education"** Energética XXI. 2016.
- **"Climate Change in Spain, 2033"** PricewaterhouseCoopers S.L. 2015.
- **"Monitoring, Reporting and Verification System (MRV) and Monitoring and Evaluation (M&E) of the Climate Change Sectoral Agendas of the State of Veracruz."** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. 2015.
- **"Companies facing climate change"** Diario el Economista. 2015.
- **"Policy Options for Reducing Greenhouse Gas Emissions in the Oil, Gas and Petrochemical Industry in Trinidad and Tobago"**. Inter-American Development Bank. 2014.
- **"CO<sub>2</sub> Series. Black Carbon and its effects on climate"**. Factor CO<sub>2</sub>. 2014.
- **"Business strategy for adaptation to climate change. Incorporation of impacts, risks and vulnerability"**. Spanish Climate Change Office. 2014.
- **"Understanding the economics of climate change adaptation (ECA) in Trinidad and Tobago"**. Inter-American Development Bank. 2014.
- **"Mainstream climate change adaptation into the business strategy. Methodological guide for assessing impacts and vulnerability in the private sector." Pilot case: Bodegas Torres**. Spanish Climate Change Office and the Ministry of Agriculture, Fisheries, Food and Environment. 2014.
- **"Mainstream climate change adaptation into the business strategy. Methodological guide for assessing impacts and vulnerability in the private sector." Pilot case: Meliá Hotels**. Spanish Climate Change Office and the Ministry of Agriculture, Fisheries, Food and Environment. 2014.
- **"Mainstream climate change adaptation into the business strategy. Methodological guide for assessing impacts and vulnerability in the private sector." Pilot case: Renfe**. Spanish Climate Change Office and the Ministry of Agriculture, Fisheries, Food and Environment. 2014.
- **"Mainstream climate change adaptation into the business strategy. Methodological guide for assessing impacts and vulnerability in the private sector." Pilot case: Endesa**. Spanish Climate Change Office and the Ministry of Agriculture, Fisheries, Food and Environment. 2014.
- **"Mainstream climate change adaptation into the business strategy. Methodological guide for assessing impacts and vulnerability in the private sector." Pilot case: Ferrovial**. Spanish Climate Change Office and the Ministry of Agriculture, Fisheries, Food and Environment. 2014.
- **"CO<sub>2</sub> Series. Blue Carbon: Proposals for the preservation of blue carbon"**. Factor CO<sub>2</sub>. 2013
- **"Case studies measuring the carbon footprint of agricultural and agro-industrial exports in four countries of Latin America and the Caribbean"**. Economic Commission for Latin America and the Caribbean. 2013.
- **"CO<sub>2</sub> Series. Managing climate change in Spain 2013"**. Factor CO<sub>2</sub>. 2013
- **"Mobile World Congress 2013. Carbon footprint"**. GSMA. 2013
- **"CO<sub>2</sub> Series. Blue Carbon: Proposals for the preservation of blue carbon"**. Factor CO<sub>2</sub>. 2013

- "Study of policies, measures and instruments to mitigate Greenhouse Gases in the agricultural sector in the Mexican Bajío region." United Nations Development Program. 2012
- "Study of policies, measures and instruments to mitigate Greenhouse Gases in the forestry sector in the Yucatan Peninsula" United Nations Development Program. 2012
- "Tourism, Energy and Climate Change in Spain". SEGITTUR. 2012.
- "Mobile World Congress 2012. Carbon footprint". GSMA. 2012.
- "CO<sub>2</sub> Series. Regulated markets in Spain 2011". Factor CO<sub>2</sub>. 2011.
- "2050. Greenhouse gas emissions projections for Ukraine. Ukraine Carbon Market Facilitation Programme". European Bank for Reconstruction and Development. 2011.
- "Satellite Accounts of the atmospheric emissions of the Balears Islands, according to the NAMEA Scheme". Govern de les Illes Balears. 2011.

## LATEST CONFERENCES

- "The role of hydrogen in the roadmap to climate neutrality in Europe: an economic perspective". Webinar organized by AEEE. (2021)
- "Blue carbon at the heart of a healthy climate." Conference organized by UICN. Málaga. (2021)
- "Presentation of the ARABA HELBURU Project" Provincial Council of Alava. Ed. La Azucarera. Vitoria (2021)
- "Presentation of the reaccreditation framework". Workshop organized by GCF (zoom) (2021)
- "TNC Mitigation Training". Workshop organized by el PNUD TT vía Zoom. (2020)
- "Tourism and climate change: challenges for coastal zones". Webinar. Uruguay (Proyecto Nixus) (2020)
- "Workshop on Energy Transition: from science to territory" Webinar-Roundtable organized by UB and Fundación Repsol. (2020)
- Workshop Factor: The COVID-19 and the EU ETS, Voluntary Markets and Neutrality and European Green Deal and its sectoral implications. Webinar Repsol. (2020)
- "COVID-19 and climate change". Webinar: Environment in times of pandemic. Universidad de Navarra. (2020).
- "Energy, climate and environment: time to act" Roundtable on Risks and Adaptation to Climate Change in the Energy Sector. Feria GENERA. Madrid. (2020).
- "Cities and Climate Change: from baseline and diagnostics to concrete measures for resilient and low carbon cities". CAF COP 25 Chile-Madrid (2019)
- "New issue areas: climate change". United Nations World Tourism Organization. Madrid. (2019)
- "Climate Change Impacts on Wind Power Generation" Renewable Energy & Efficiency Week 2019. Berlin. (2019)
- "Structured Dialogue with the Caribbean". Conference organized by GCF. St. George's. Grenada (2018)
- "Experiences of climate change adaptation: Risks and opportunities management and reporting". Conference organized by Factor. EOI. Madrid (2018).
- "Climate risks and adaptation in the energy sector" Innovate4Climate - Side event. World Bank. Frankfurt. (2018)
- "Future legislative measures on climate change and energy transition" Congress of Deputies. Madrid
- "The impact of Climate Change on generation of hydroelectric power. Case study in Southern Spain" XII Congress of the Spanish Association for Energy Economics. Salamanca. (2017)
- "Carbon markets, operation and generalities" and the "International voluntary carbon markets" Dialogue and consultation platform for the preparation and identification of Blue Carbon offset projects. IUCN. Malaga (2016)
- "Seagrass in the Spanish coast: conservation, use and management." Conference organized by UICN. Málaga. (2012).