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## CALL FOR CHAPTERS

### 1 - BOOK TITLE

Just, Ethical, and Sustainable Energy Transition

### 2 - INTRODUCTION

It is understood that the energy transition to more sustainable sources, such as solar, wind, and biomass, is becoming increasingly necessary in light of the harmful effects of fossil fuel combustion for energy generation. The use of renewable sources is desirable when aiming for a lower environmental impact, as well as in projects seeking to improve access to electricity for isolated or economically disadvantaged communities that suffer from energy poverty. From this perspective, in pursuing the common good, aspects related to social justice, ethics, and sustainability cannot be ignored. The energy transition has a direct impact on individuals' lives and, therefore, on society. In this sense, the focus of the chapters should revolve around the three perspectives mentioned in the previous section. Individuals must begin to share new values and rules of coexistence that align with the need for an energy transition that is not only sustainable but also just, with costs that can be proportionately absorbed by each society in each country. Certainly, beyond costs, other aspects may be considered, such as public participation in decision-making processes, democratization of access to energy, and possibly the redistribution of benefits. Thus, to avoid exacerbating the climate emergency, these values and rules must be accompanied by a behavioural change, including the ethical perspective, which should be developed considering the different conceptions present in the field of philosophy. This can also be achieved through various strategies to raise citizens' awareness, ensuring that certain groups are not excluded from the positive developments.

### 3 - OBJECTIVE

This call aims to encourage researchers to participate in the preparation of the book “Just, Ethical, and Sustainable Energy Transition”. The book is aligned with the objectives of the “Centro Paulista de Estudos da Transição Energética” (CPTEn), or “São Paulo Centre for Energy Transition Studies”, a Brazilian science and technology centre which conducts research, development, and innovation projects. These projects are organized into eight thematic areas:

- ❖ Axis I - Artificial Intelligence and Data Science for Energy Management
- ❖ Axis II - Regulatory Innovation and Models for Financing and Partnerships
- ❖ Axis III - Public Policies and Governance
- ❖ Axis IV - Economic Analysis of Prospects and Scenarios
- ❖ Axis V - Education, Training, and Capacity Building for Socio-Environmental Sustainability
- ❖ Axis VI - Transition to Renewable Energies and Bioenergy
- ❖ Axis VII - Transition to Digital Networks and Smart Consumption
- ❖ Axis VIII - Innovation for Smart Cities

The book, which will be interdisciplinary in nature, will feature researchers as authors and will be aimed at a scholarly audience. It will contain chapters addressing the topic of a “Just, Ethical, and Sustainable Energy Transition,” preferably focusing on three perspectives related to the energy transition: (i) social justice; (ii) ethics; and (iii) sustainability. The chapters may be based on systematic research or theoretical essays related to these themes, which will guide the division of the book into three parts.

Additional information about CPTEn, which is part of UNICAMP, may be found at the following websites:

- ❖ CPTEn (English): <https://cpten.unicamp.br/en/home-english/>
- ❖ CPTEn (Portuguese): <https://cpten.unicamp.br/>
- ❖ Researchers at CPTEn (Portuguese): <https://bv.fapesp.br/pt/auxilios/110537/cpten-centro-paulista-de-estudos-da-transicao-energetica/>
- ❖ UNICAMP (English): <https://unicamp.br/en/>
- ❖ UNICAMP (Portuguese): <https://unicamp.br/>

#### 4 - TARGET AUDIENCE

- ❖ Energy Education Specialists
- ❖ Energy Systems Engineers
- ❖ Policy Makers
- ❖ Researchers
- ❖ Scholars, Teachers and Lecturers
- ❖ Social Justice Advocates

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## 5 - SUBMISSION PROCEDURE

In the initial phase, researchers interested in participating must submit a summary of up to 10,000 characters each, including spaces. Each summary should clearly demonstrate how the proposed chapter relates to the “Just, Ethical, and Sustainable Energy Transition”. Researchers interested in participating must submit a summary of their proposed chapter using the following online form:

- ❖ <https://forms.gle/XGMjCeqnu5uZMbZ68>

In the final phase, researchers whose summaries are approved will be invited to submit their chapters, which should be between 20,000 and 30,000 characters each, including spaces. In this case, the character count should include references, footnotes, graphs, images, tables, etc.

The book will initially be published in an English version, with plans to translate it into Portuguese and Spanish in the near future. Free access via download through the CPTEn website is anticipated. All submitted summaries and chapters will be reviewed; contributors may also be requested to serve as reviewers for this project.

## 6 - IMPORTANT DATES

- ❖ 2024:
  - August: Announce the call for proposals
  - September and October: Receive summaries through the online form
  - November: Select a publisher for the book
  - December: Contact selected authors and provide guidelines
- ❖ 2025:
  - February and March: Receive the preliminary versions of chapters
  - April: Send feedback and suggestions for improvements to the authors
  - May and June: Receive the final versions of chapters
  - July: Final acceptance notification
  - August: Finalize the book with the support of the selected publisher

## 7 - INQUIRIES TO THE EDITORS

The book will be organized by CPTEn, which will be represented by the following editors:

- ❖ Joni Amorim, PhD - [AmorimDr@unicamp.br](mailto:AmorimDr@unicamp.br) - CV: <http://lattes.cnpq.br/3278489088705449>
- ❖ Lira Luz Benites Lazaro, PhD - [lbenites@usp.br](mailto:lbenites@usp.br) - CV: <http://lattes.cnpq.br/9163414505632771>
- ❖ Luis Renato Vedovato, PhD - [lvedova@unicamp.br](mailto:lvedova@unicamp.br) - CV: <http://lattes.cnpq.br/7171365095068677>
- ❖ Luiz Carlos Pereira da Silva, PhD - [Lui@unicamp.br](mailto:Lui@unicamp.br) - CV: <http://lattes.cnpq.br/0009015688374245>
- ❖ Samuel Mendonça, PhD - [samuels@gmail.com](mailto:samuels@gmail.com) - CV: <http://lattes.cnpq.br/6369572439782922>

## 8 - TENTATIVE KEYWORDS FOR POSSIBLE CLASSIFICATION

- ❖ Climate Change
- ❖ Energy Access
- ❖ Energy Affordability
- ❖ Energy Education
- ❖ Energy Efficiency
- ❖ Energy Informatics
- ❖ Energy Management
- ❖ Energy Poverty
- ❖ Energy Services and Products
- ❖ Engineering
- ❖ Ethics
- ❖ Geoethics
- ❖ Justice
- ❖ Management of Change
- ❖ Pollution
- ❖ Public Policies
- ❖ Public-Private Partnerships
- ❖ Regulation
- ❖ Renewable Energy Sources
- ❖ Strategic Planning
- ❖ Sustainability
- ❖ Technologies