

# Textbook

## Transforming social and energy systems.

### Key issues

#### The goal of my teaching project:

The goal of my teaching project is to provide comprehensive and accessible teaching materials for students of courses in the area of climate and energy management, ensuring that these resources cover all relevant topics in depth and are easily understandable and usable by learners with diverse backgrounds and levels of prior knowledge.

#### Our reasons and motivations for writing a textbook:

There is no other similar book on the market, and the IPCC Reports that are frequently used by scientists are often too long and too complex for non-expert target audiences, which highlights the need for teaching materials that are specifically designed to be both comprehensive and accessible for students of courses in the area of climate and energy management.

#### Challenges when writing a textbook:

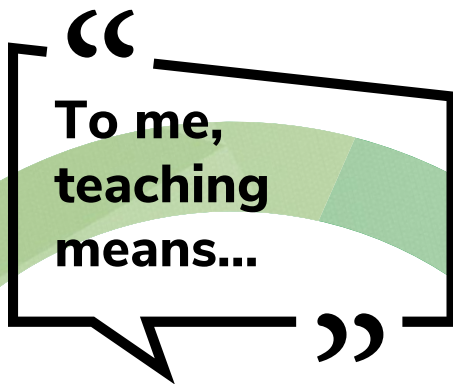
It was challenging to coordinate the work with different co-authors, to edit and format all chapters.

#### Why writing a textbook in 2026 makes sense:

There is so much content on the internet that it is very often difficult to find reliable sources of knowledge, which makes it challenging for students and educators to access trustworthy information. The digital version of the book will be available for free on the internet, providing a dependable and easily accessible resource for anyone interested in climate and energy management.

#### One central learning from my teaching project:

Writing books takes more time than initially expected.



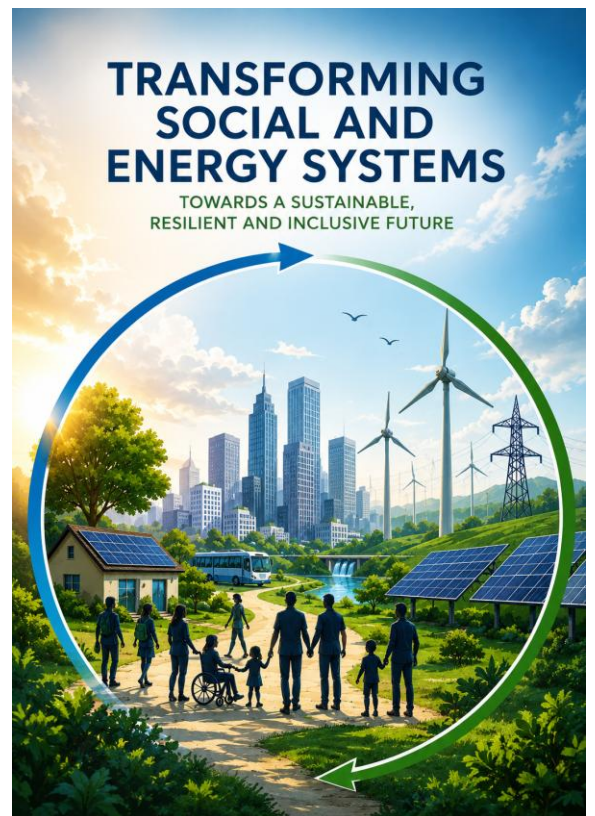
... an interaction and exchange of ideas with young and smart individuals. It is also a way of structuring and testing my concepts and approaches; if the students are not impressed, the concepts will probably not fly.

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