



Catch the Star: The Future of Fusion Energy & Technology

Edited by *Anton Möslang, Günter Janeschitz*

- Submission of articles by April 31st / 2021; each piece might run to 30.000 characters, blanks included; plus graphs / tables (= 10-15 pages in the book)
- Editorial work and printing till October 2021
- Publishing timeframe 4th quarter 2021 bz Lemmens Media

The Goal

This book will describe the status of Fusion Energy Research & Development, with a focus on (market) opportunities.

We think of this field as “Transitioning to a better global energy supply system.”

FIVE MAIN POINTS

The idea behind the publication

We aim to **collect relevant stakeholder opinions** on Fusion Energy / Technology.

We want to structure, nurture, and **perpetuate the international debate** on Fusion Energy / Technology.

Our plan is to publish a book written in a sound, scientific style, which is at the same time **understandable for a broader audience of stakeholders**, especially those who are important to the decision-making processes (politicians, media, scientists, civil society representatives, citizen scientists and many more...).

We think that the time is right for public-relations activities around Fusion Energy /Technology, in the run-up to ITER First Plasma in 2025. This endeavor will **promote the whole debate of finding a pathway to a more diversified energy mix** for the future.

Our mission: Drawing on various energy sources, policy issues, relationships between industry & science, essential research, and market opportunities, this publication will be successful because its content will address the topic in all its complexity. Readers will all get **a better understanding of the perspectives that come along with Fusion Energy / Technology.**

I would like to contribute an article to one of the following chapters. And please give me more details within a call or online meeting.

CONTENTS

O - Chapter one: **The Big Picture:** Transitioning the Future of Energy – description of the need for a mix of energy sources.

O - Chapter two: **The Governance of Big Science** within different political Landscapes: it is always a challenge to build, establish and maintain large-scale scientific projects. What are the lessons learned for political decisions – a comparison of various cases and world projects.

O - Chapter three: **The Scientific Know-How behind Fusion Energy / Technology:** from materials science to additive manufacturing technologies to irradiation and safety.

O - Chapter four: **Science to Business:** this is all about the question – how big can the economic impact be?

O - Chapter five: **The Outlook for Humankind:** never end a story without a view to where it leads.

O - Annex: **The Marketplace:** the competences of companies involved in Fusion Energy / Technology are assembled.

Editorial contact:

Lemmens Media – Education, Science, Technology (Bonn-Berlin)

KBHF GmbH, at KIT – Karlsruhe Institute of Technology (Karlsruhe)

<https://www.fusion-for-future.de>

Editorial office: Markus Lemmens, Aniceto Goraieb, Chris Dorn

Lemmens Media GmbH

Matthias-Grünewald Str. 1-3 53175 Bonn, Germany

Hannoversche Straße 15, 10115 Berlin

Phone office: +49 (228) 42 137-20

Cell Markus Lemmens: +49 (172) 26 398 26

<https://www.lemmens.de>

Bonn – Berlin – Karlsruhe