

IAIA INITIATIVE TO DEVELOP AND PROMOTE SEA GUIDANCE FOR THE ENERGY TRANSITION

Progress Report: April 2024

Attention: Members of the Partners Council, Technical Advisory Committee, Reference Group and contributors

As you know, IAIA launched the initiative to develop SEA Guidance for the Energy Transition in 2022. Much has happened in the last several months, and we wanted to give you an update. For quick reference, an outline of the three phases of this project and a list of the chapters in the Guidance are contained on pages 2 and 3.

A **Full Draft** of the guidance was completed in July 2023 and individual chapters made available on the IAIA website. We are grateful for the very helpful feedback received and the many useful comments, suggestions and proposed edits submitted. Based on these, the chapters have been regularly revised and updated on a rolling basis and new materials added.

Since October 2023, the chapters have been subjected to **peer review** by specialists in SEA and in the different energy sectors covered by the guidance. As the peer reviews have become available, the chapters have been further revised to incorporate comments and edits received. We anticipate this process to be completed in the near future. Then the authors, Barry Dalal-Clayton and Miles Scott-Brown, will complete a final revision/update and submit a **Final Working Draft** by the end of July 2024 for IAIA Board approval.

This chapters of this **Final Working Draft** will again be made available on the IAIA website as pdf files.

The files will then be professionally copy edited and reformatted to make the text as accessible and readable as possible and as a precursor to converting the materials to an online web resource in Phase C. A trial copy-editing and formatting of Chapters 1-3 is currently being conducted by Wordsmith (a Canadian-based company).

IAIA is exploring options for the conversion of the guidance to an online resource using the copyedited text provided by Wordsmith. Additionally, IAIA is in talks with a few donors regarding funding for Phase C.

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REFERENCE

Phases of Guidance Initiative

- **A: Launch Phase** (January - June 2022):
 - Development of a draft outline of the guidance;
 - Establishment of oversight through a ‘Partners Council’ and ‘Technical Advisory Committee (TAC);
 - Preparation of an inventory of existing SEA guidelines and an Inception Report on how to proceed in Phases B and C.

- **B: Development Phase** (January 2023 – July 2024):
 - Preparation of preliminary and full and working drafts of the guidance (available on the IAIA website);
 - Establishment of a Reference Group (RG)
 - Inputs by RE experts, TAC, RG and IAIA members
 - Open review and progress presentation at IAIA’23 in Kuching
 - Peer review of the ‘full draft’ chapters;
 - Revision and finalization of a final draft Working Draft’.
 - Professional copy editing of the draft ‘Working Draft’ and presenting it in a user-friendly and readable format;
 - Securing financial support for follow-up to the project (implementation of the guidance, lessons learning, training, etc).

- **C: Implementation/roll-out Phase** (2024 – 2027 onwards):
 - Conversion of the guidance to an accessible, searchable, web-based format;
 - Dissemination of guidance;
 - Development of training materials regarding SEA and its nature, role and modalities; its applicability to the energy transition; use of the guidance; and conducting a trainer orientation event;
 - Regional and other workshops (piggy-backing on already planned events) to build awareness and provide training on the guidance and use of SEA in the renewable energy sector; including a pilot training course (probably in South and South East Asia) to test the training materials;
 - Test application of the guidance to renewable energy plans and programs in various countries by governments and others on a voluntary basis;
 - Development of case studies documenting applications of SEA (using the guidance) for different renewable energy facilities.

Revision of the guidance, where needed, to incorporate lessons learned from their application.

Contents of Guidance

Preface - Why the energy transition needs SEA

About IAIA

Acknowledgements

Background to the IAIA SEA guidance for renewable energy initiative

Aim of the guidance and how to use it

Structure of the guidance

Abbreviations and acronyms

PART A: GENERIC ISSUES

Chapter 1 Background to SEA

Chapter 2 Stages and tasks in SEA

Chapter 2 Legal requirements and commitments to applying SEA

PART B: SUB-SECTOR SPECIFIC ISSUES

Chapter 4 National and sub-national energy PPPs, and the use of SEA

Chapter 5 Hydropower

Chapter 6 Wind power

Chapter 7 Solar power

Chapter 8 Bioenergy

Chapter 9 Geothermal power

Chapter 10 Tidal power

Chapter 11 Green hydrogen and ammonia

Chapter 12 Retirement of coal-fired power stations and associated mine closures

PART C: OTHER ISSUES

Chapter 13 Infrastructure associated with renewable energy development

Chapter 14 Guidance for institutions

References

Annexes