



NICE Future

Nuclear Innovation: Clean Energy Future

Research Impacts on Social  
Equity & Economic  
Empowerment Demonstration

*RISE3D*

SARAH MCPHEE

U.S. DEPARTMENT OF ENERGY



***Nuclear Innovation: Clean Energy Future (NICE Future)*** has developed a new campaign focusing on community impacts to build on the success of the *Flexible Nuclear Campaign for Nuclear-Renewables Integration (FNC)*.

- The FNC established a clear role for flexible nuclear energy to support a clean energy transition alongside deployment of renewable energy resources.
- The new *Campaign to Research Impacts on Social Equity and Economic Empowerment (RISE3)* will e-publish a community-focused case series organized and managed by the United States NICE Future Team.

# *OBJECTIVES*

**NICE Future: RISE3D** is a case series developed from submissions by participating countries and partner organizations demonstrating how advanced and innovative nuclear energy technologies, such as small modular reactors, will support the clean energy transition in a variety of community contexts. The case series is envisioned to be a diverse collection of efforts, with possibilities as follows:

- Evaluation of transition options for unabated coal sites
- Flexible and integrated systems utilizing both nuclear and renewable energy
- Benefits of electric and non-electric applications
- Partnerships with Indigenous, underserved, or remote communities
- Economic empowerment opportunities, to include workforce development

# *CASE STUDIES*

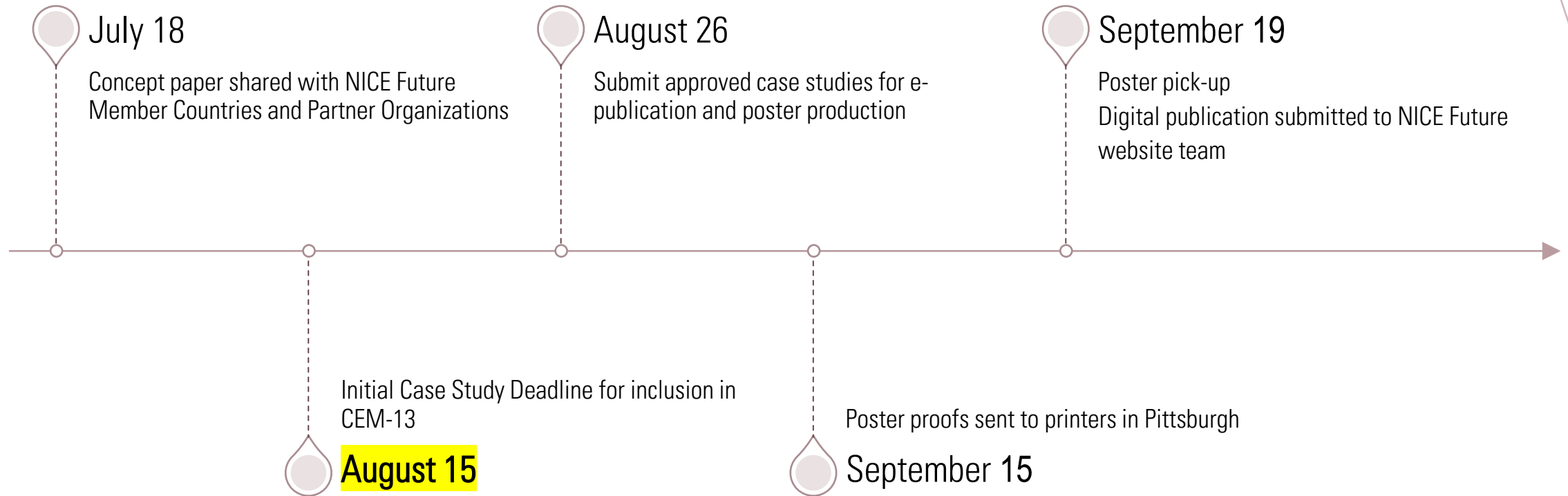
Each contributing country & partner organization will be responsible for:

- **Reaching out** to domestic stakeholders to determine interest and feasibility
- **Providing the official template** (500-word limit) to be used to write the case study
- **Providing guidance and review** of the case studies submitted by their respective groups/organizations
- **Submitting the completed case study** to the United States NICE Future Lead

# *CEM-13 & BEYOND*

- **The RISE3 online platform will be launched at CEM-13**, an ideal venue to highlight the social and economic empowerment goals of the **RISE3D** case series while honoring the sunsetting work of the FNC.
- **The focus on people and communities** at CEM-13 is appropriate given the venue of Pittsburgh, Pennsylvania, a city known for its history of coal and steel production as well as for efforts to renew its economy with advanced technologies and clean energy sources.
- **The initial case studies of RISE3D will be featured as an e-publication & at a poster side-event** at CEM-13.
- **Countries and partner organizations will be encouraged to continue to develop case studies** focused on community impacts after CEM-13, which will then be submitted to the online platform.

# TIMELINE



# *SUBMISSION GUIDELINES*

- **Each NICE Future member may submit up to 3 case studies** for consideration in the series
- **All submissions must be no greater than 500 words** – *brevity is encouraged*, and submissions may be edited for publication.
- **Submissions should include an introduction** including:
  - Role of nuclear energy in the country (status quo, opportunities, challenges)
  - Goal(s) of nuclear energy in the case studies
- **Submissions may include up to four digital images over which your organization has rights to share/reproduce.**
  - Format: .png files preferred, .jpeg accepted
  - Order of preference should be indicated by numbering titles in case not all images are used
    - Photo naming conventions should include: abbreviated country or organization followed by an underscore, case study number followed by an underscore, the word “photo” followed by an underscore and the number indicating preference of use
    - Example: US\_Case2\_Photo\_1; US\_Case2Photo\_2
  - Please include captions (which do not count against overall word count)

# *UPDATES & ROLLING ADMISSIONS*

**RISE3D is envisioned to be an ongoing project** that promotes the new understandings & achievements of the participating case studies.

**Participants will be encouraged to submit updates for promotion** on the NICE Future website.

**New case studies will be accepted and promoted on a rolling basis**, with the case study participants updated quarterly.



# *QUESTIONS?*

- Sarah McPhee
- [sarah.mcphee@nuclear.energy.gov](mailto:sarah.mcphee@nuclear.energy.gov)
- [RISE3D@nuclear.energy.gov](mailto:RISE3D@nuclear.energy.gov)

