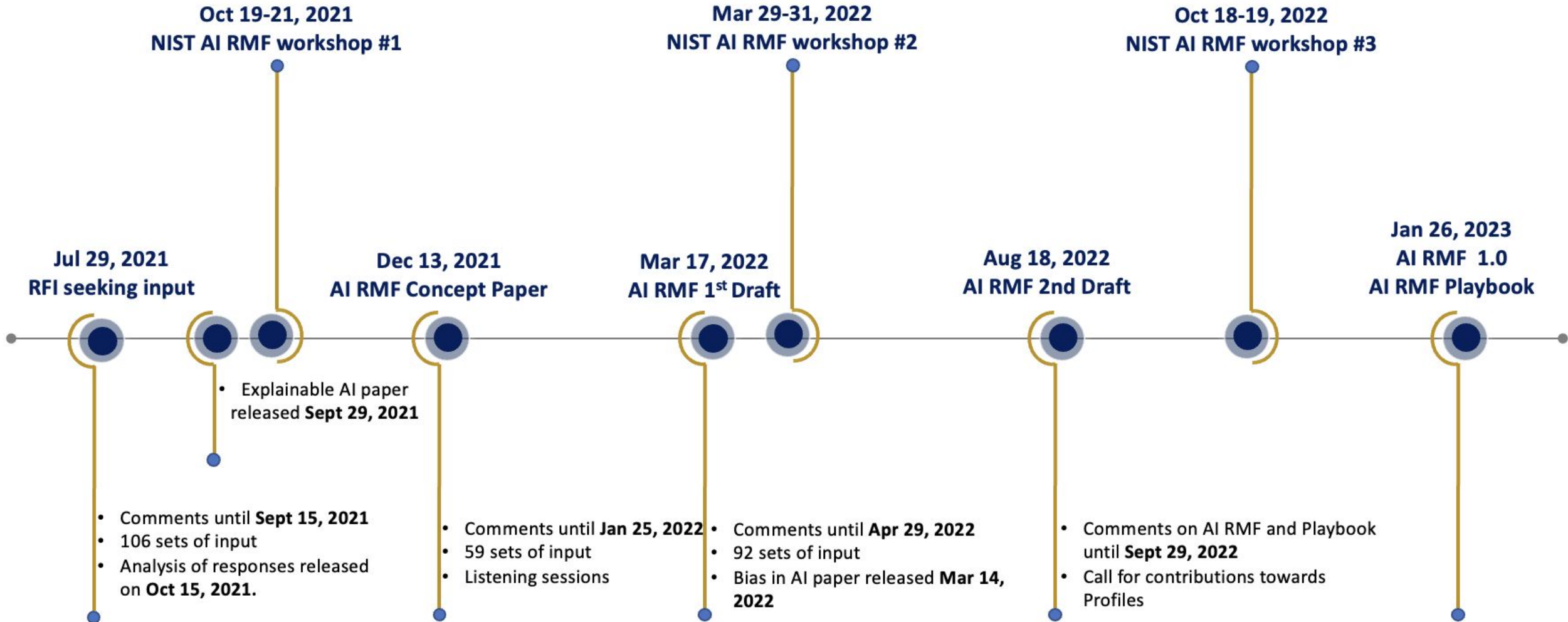




THE PATH TO AI RMF 1.0



WHAT IS THE AI RMF?

Voluntary resource for organizations designing, developing, deploying, or using AI systems to manage AI risks and promote trustworthy and responsible AI

Rights-preserving

Flexibly applied

Measurable

MANAGING RISKS AND MINIMIZING NEGATIVE IMPACTS

Examples of Potential Harms

Harm to People

- Individual: Harm to a person's civil liberties, rights, physical or psychological safety, or economic opportunity.
- Group/Community: Harm to a group such as discrimination against a population sub-group.
- Societal: Harm to democratic participation or educational access.

Harm to an Organization

- Harm to an organization's business operations.
- Harm to an organization from security breaches or monetary loss.
- Harm to an organization's reputation.

Harm to an Ecosystem

- Harm to interconnected and interdependent elements and resources.
- Harm to the global financial system, supply chain, or interrelated systems.
- Harm to natural resources, the environment, and planet.

AI RISK MANAGEMENT CHALLENGES

NIST



Risk

measurement



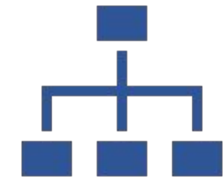
Risk

tolerance



Risk

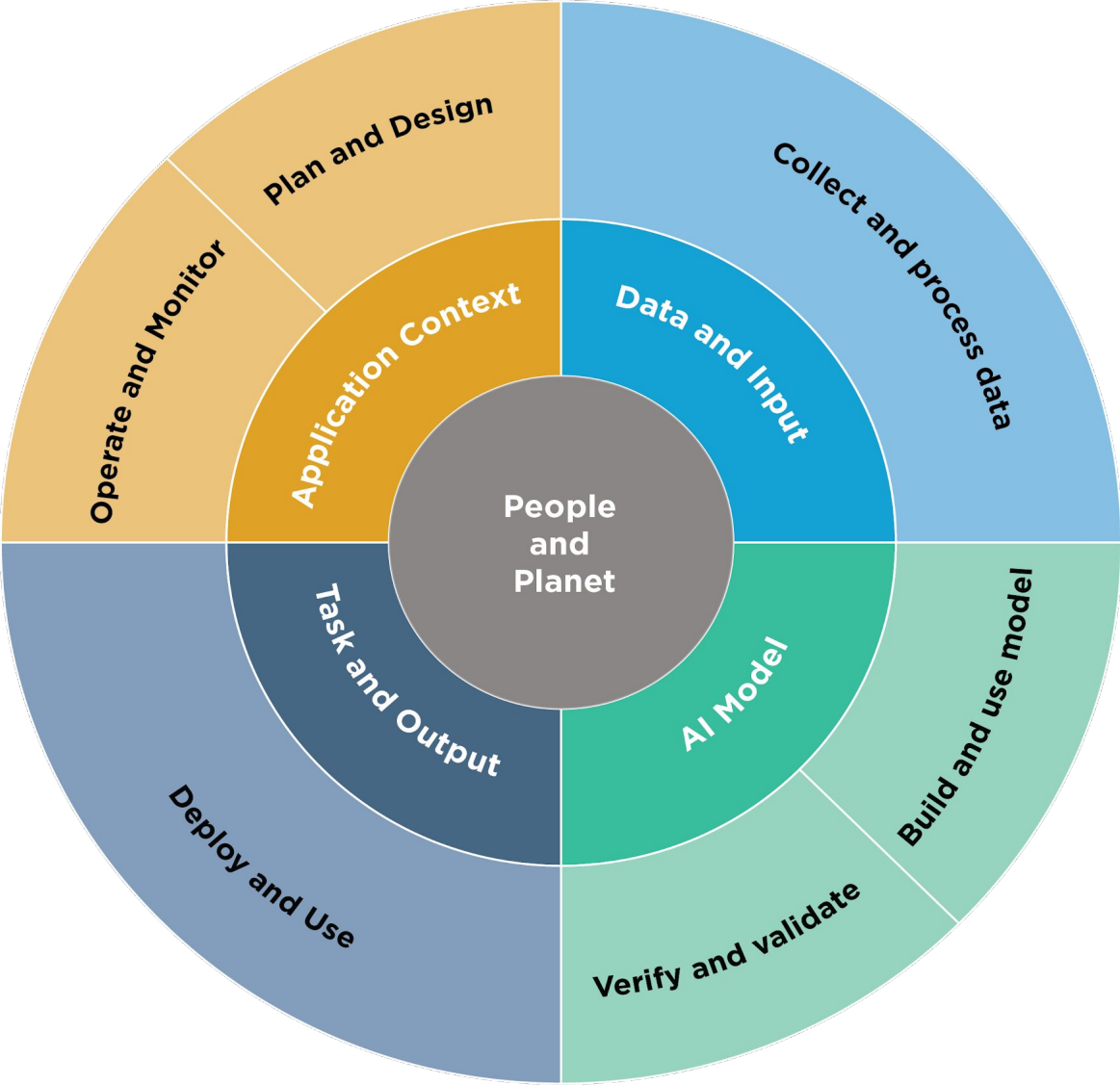
prioritization



Risk

**integration &
management**

AUDIENCE



AI RISKS AND TRUSTWORTHINESS

Safe

Secure &
Resilient

Explainable &
Interpretable

Privacy-
Enhanced

Fair - With Harmful
Bias Managed

Valid & Reliable

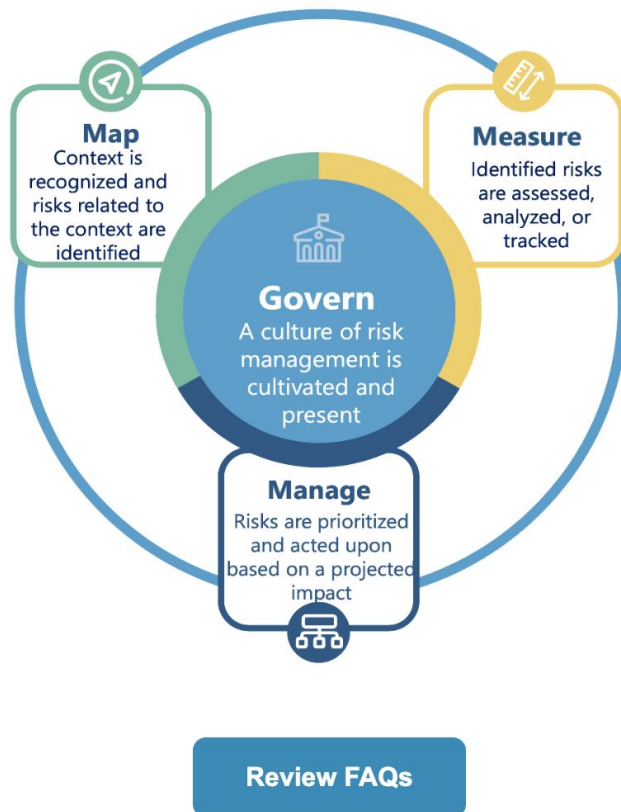
Accountable
&
Transparent

AI RMF CORE

Functions, Categories, Suncategories



NIST AI Risk Management Framework Playbook



Welcome to the draft NIST AI Risk Management Framework (AI RMF) Playbook – a companion resource for the [AI RMF](#).

The Playbook includes [suggested actions, references, and documentation guidance](#) for stakeholders to achieve the outcomes for “**Map**” and “**Govern**” – two of the four proposed functions in the AI RMF. Draft material for the other two functions, **Measure** and **Manage**, will be released at a later date.

This draft Playbook is being released to allow interested parties the opportunity to comment and contribute to the first complete version, to be released in January 2023 with the AI RMF 1.0. The Playbook is an online resource and will be hosted temporarily on GitHub Pages.

NIST welcomes [feedback](#) on this draft Playbook.

Want to Help Others to Use the AI RMF?



Contribute

Suggest guidance about methods, metrics, explanatory papers, successful strategies, etc., for possible inclusion in the NIST Trustworthy and Responsible AI Resource Center.

Engage

Join or launch a collaborative activity – like developing a profile with others in your field or sector



aiframework@nist.gov

Tailored guidance for a specific setting or application based on the requirements, risk tolerance, and resources of the Framework user

What works....what doesn't
And how can we improve the AI RMF

What's Next?

**AI RMF
profile(s)**

**Work with
SDOs on AI
standards**

**Evaluate AI
RMF's
effectiveness**

**AI
evaluations &
test beds**

**Trustworthy &
Responsible AI
Resource Center**

**Crosswalks to
other
standards,
frameworks,
etc.**

And more ...

For More Information...

NIST



www.nist.gov/itl/ai-risk-management-framework



AIframework@nist.gov