



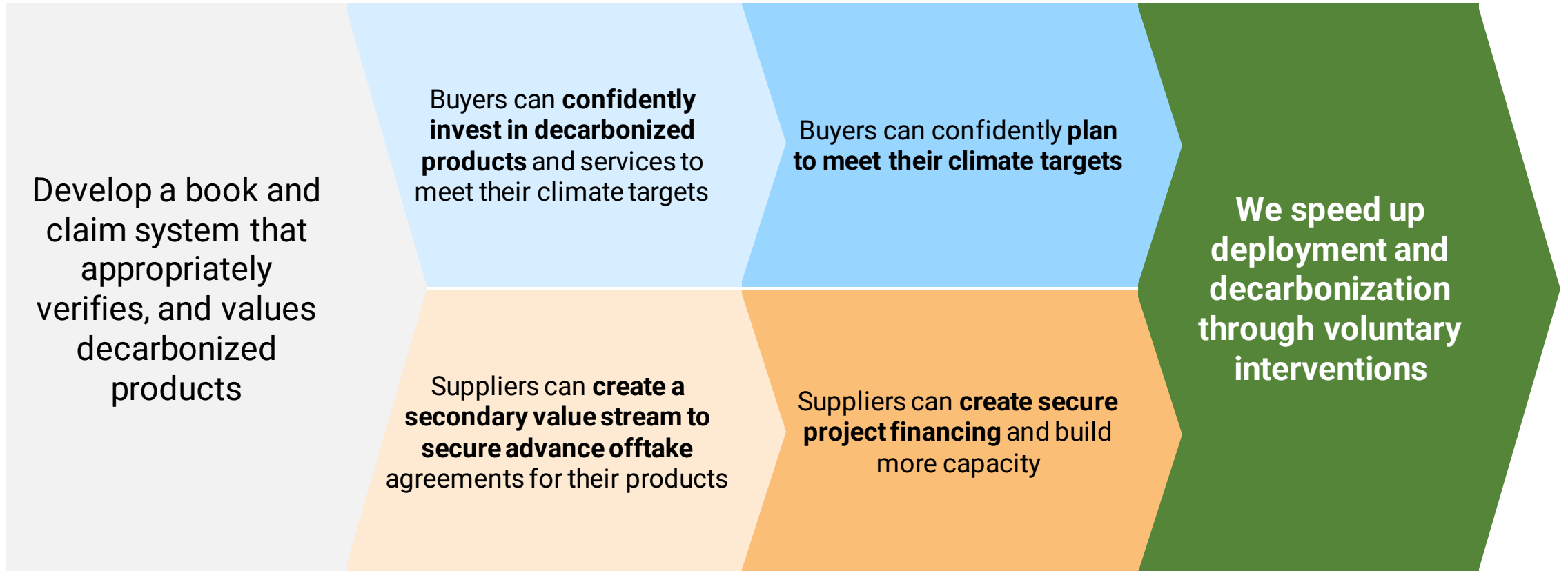
Book and Claims in transportation sector:

a view on RMI's developments in aviation and shipping

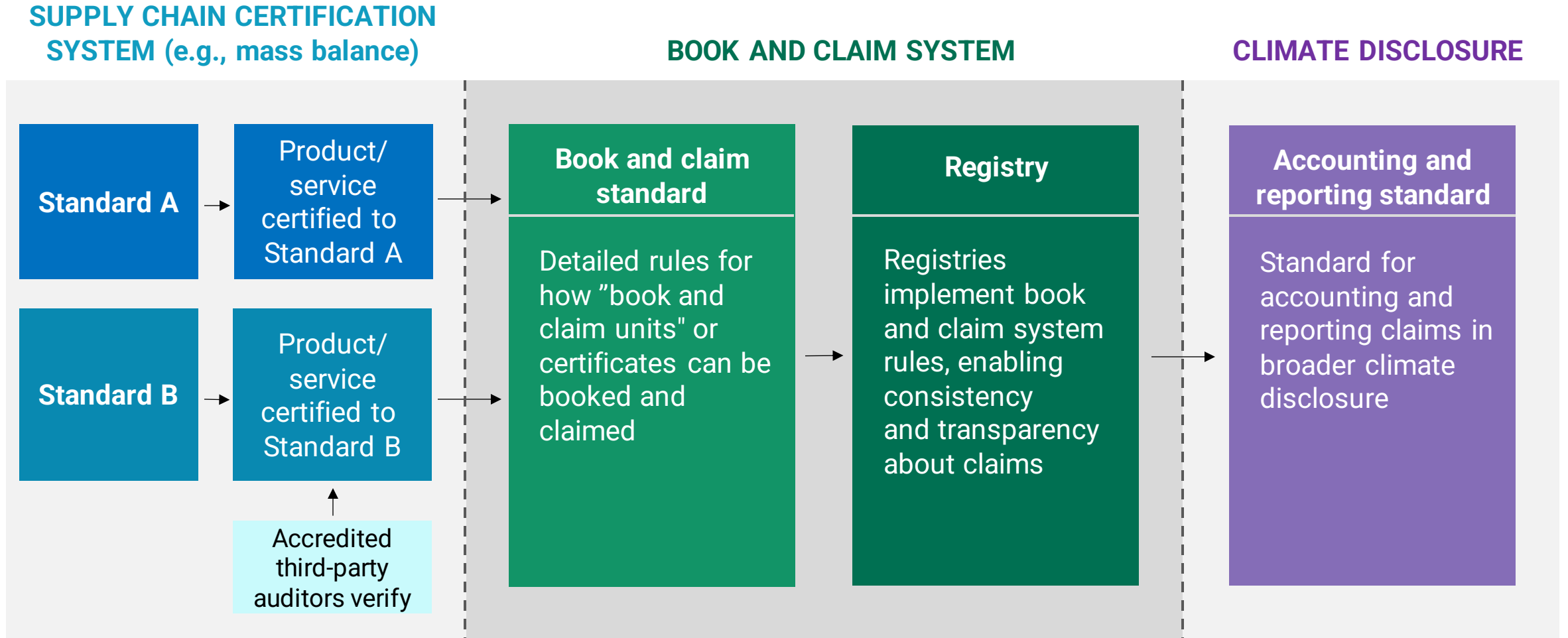
November 2023



What's the opportunity and impact?



Credible market infrastructure is critical to build trust and enable indirect procurement at scale



SABA

SUSTAINABLE AVIATION BUYERS ALLIANCE

A joint initiative of



With expert support from



SABA is providing the tools and support that buyers need to invest in SAF at scale



SUSTAINABILITY FRAMEWORK

Supports buyers' investments in high integrity SAF and prevents unintended environmental consequences.

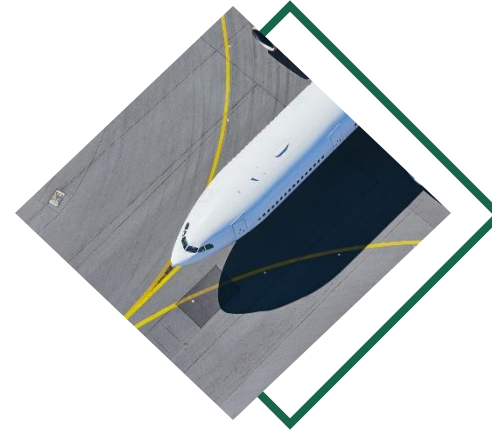
SABA published V1 of the SAF Sustainability Framework in December 2022, V2 in September 2023.



SAF CERTIFICATE REGISTRY

Allows buyers to make transparent emissions reduction claims related to their SAF investment.

The SAFc Registry will go live for public use in Q4 2023.



ACCOUNTING GUIDANCE

Provides guidance on how to measure and report aviation emissions involving SAF.

SABA collaborated with WEF CST to publish guidance in October 2022. This guidance will be regularly updated.



COLLECTIVE PROCUREMENT

Competitive, collective procurement to standardize and simplify the procurement process for companies.

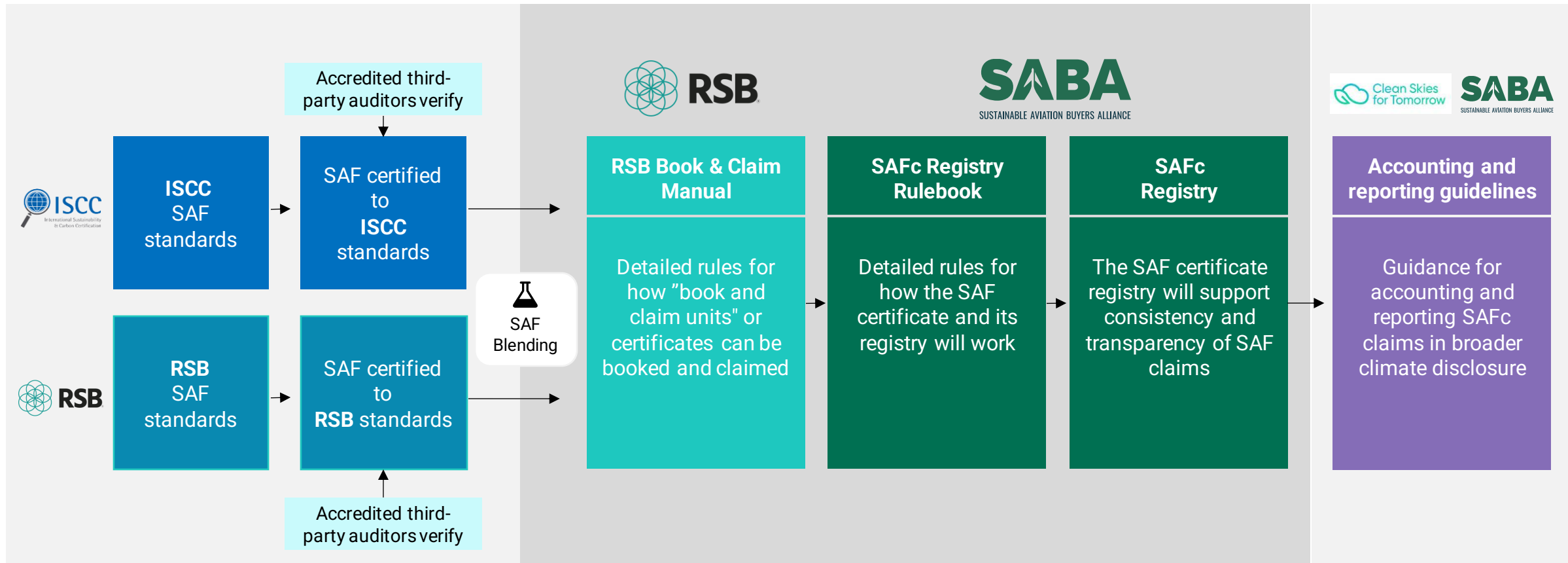
SABA successfully completed its first collective procurement process in early 2023 and is now running a multi-year procurement process.

SAF certificates (SAFc) build from existing certification systems to provide a key investment tool for customers

MASS BALANCE SYSTEM

BOOK AND CLAIM SYSTEM

CLIMATE DISCLOSURE



Welcome to the SAFc Registry

Bringing consistency and transparency to the SAFc market.

Register your company

Learn more

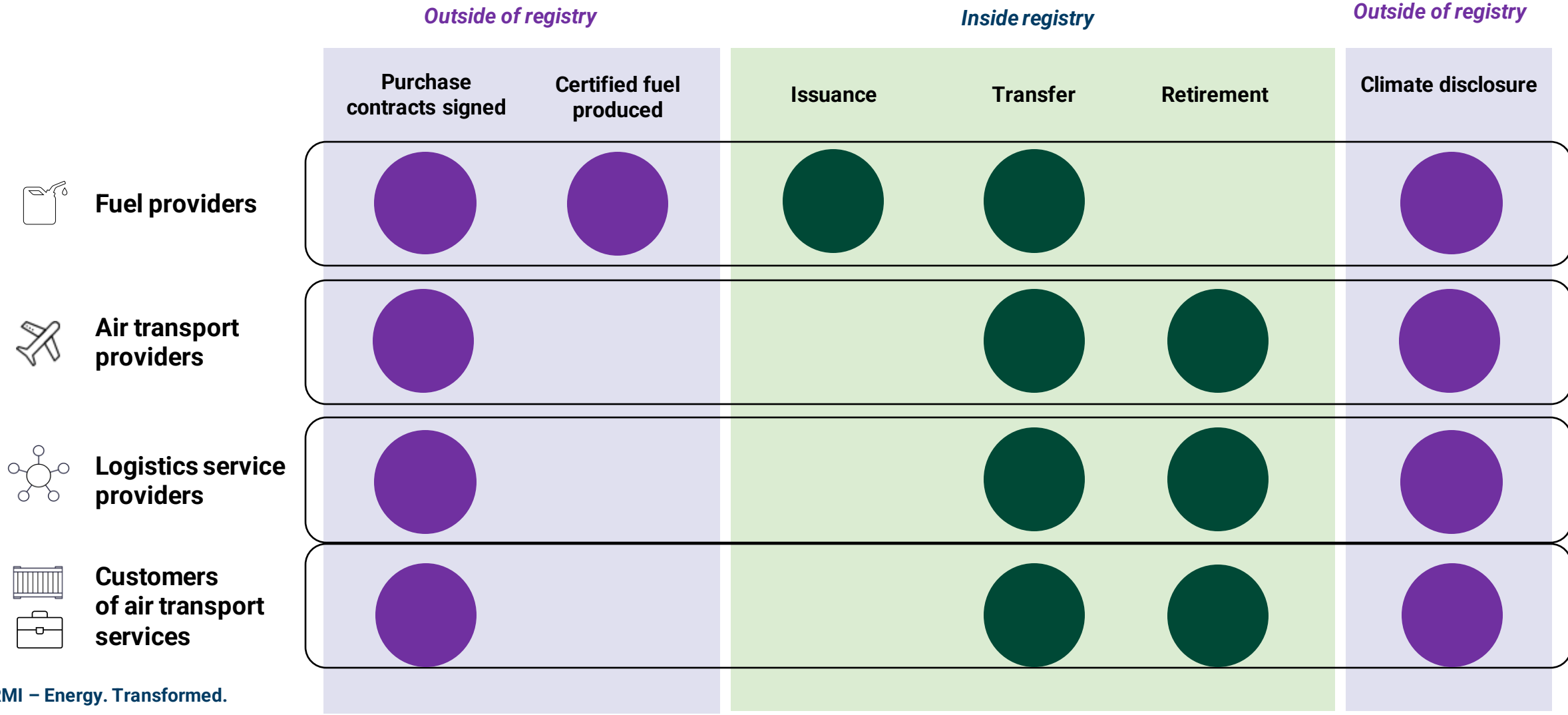
A COLLABORATION BETWEEN



The registry is designed to enhance user trust by ensuring:

- 1 **Consistency**, by implementing standardized processes for registering, transferring and retiring certificates
- 2 **Sustainability**, by providing certified data on sustainability attributes of each batch of fuel and/or transport solution, e.g. emissions abatement, certifications, etc.
- 3 **No double counting**, or that valid claims are only made once for every intervention (i.e. ton of SAF), including managing double counting between voluntary and compliance use.
- 4 **Transparency**, by providing a transparent ledger to support climate disclosure of claims by transport providers, customers, and logistics service providers
- 5 **Independent nonprofit ownership and multilateral governance**, to ensure that changes are proactively made to the system with user buy-in and in tandem with best practices.

SAFcC registry links procurement and disclosure



Certificates in a nutshell

Type of certificates

SAFcA



for air transport providers (scope 1)

SAFcE



for consumers of aviation services and logistics service providers (scope 3)

Key attributes of the certificates

Sustainability tier

SCS-eligible

Certified to any ISCC or RSB standard across supply chain

SABA-eligible

Meets threshold SABA (similar to SBTi) criteria

SABA-preferred

Meets SABA preferred criteria (more on ILUC, displacement)

Usability tier

Voluntary

Not used towards a compliance obligation

Compliance

Used towards an emissions reduction obligation by a fuel provider and/or airline for a blending mandate or other ineligible scheme (e.g., CORSIA) - SAFcA only

Assurance level

Validated

Certification is valid [default]

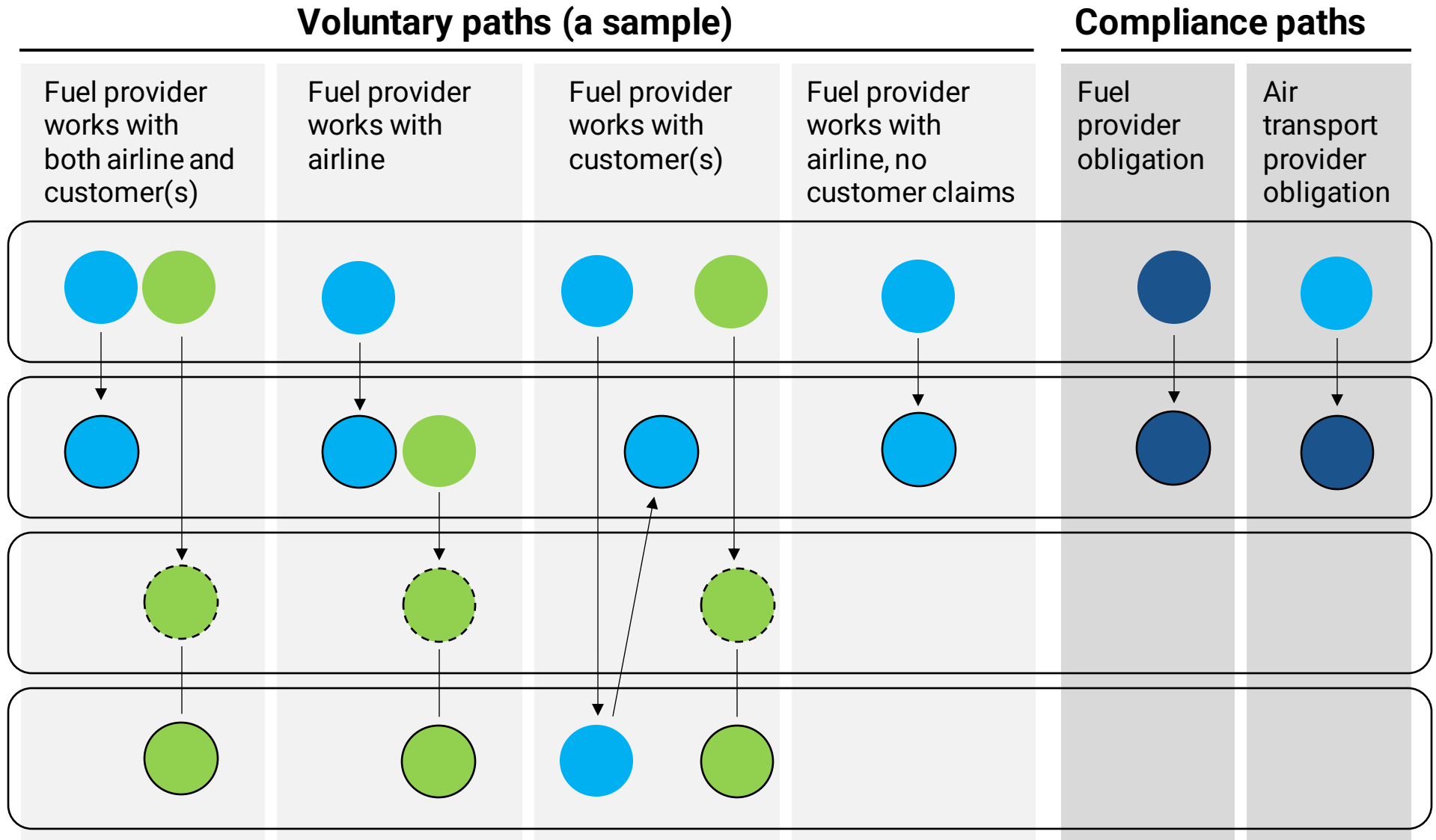
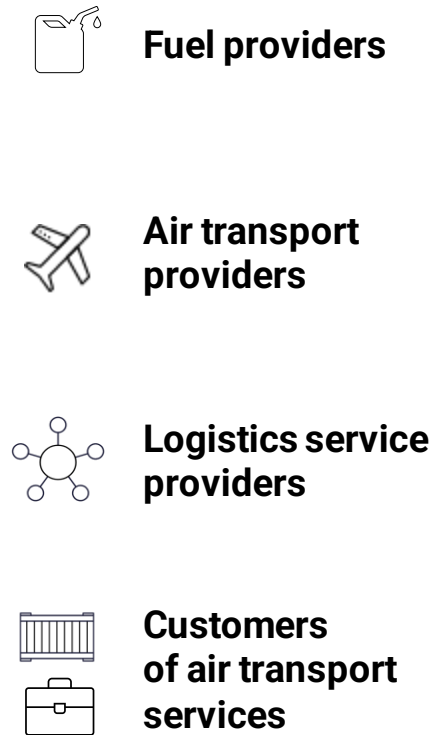
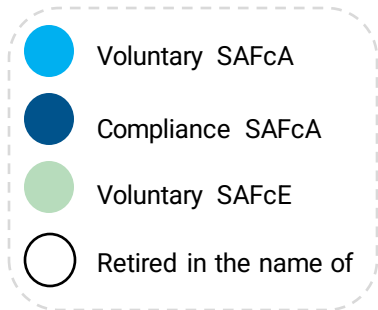
Revalidated

After a year, certification is still valid (automatic check)

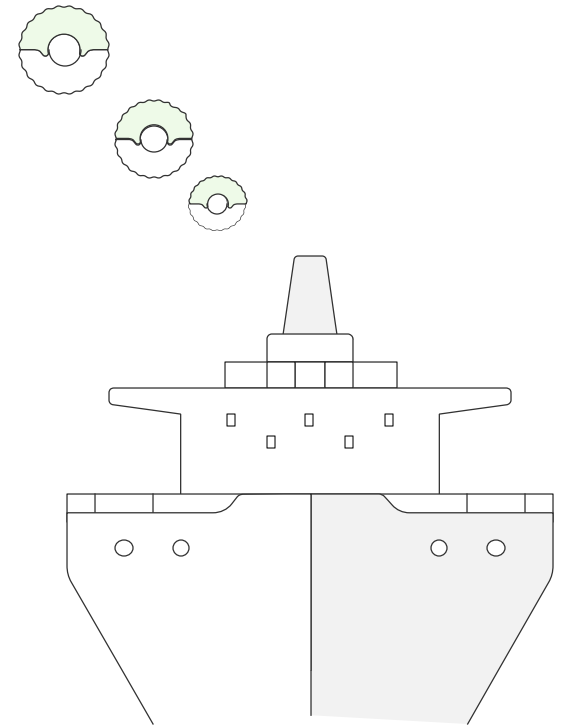
Verified

Certification body confirms that information is up to date and correct

SAFc registry gives users flexibility while checking usability



MARITIME BOOK AND CLAIM



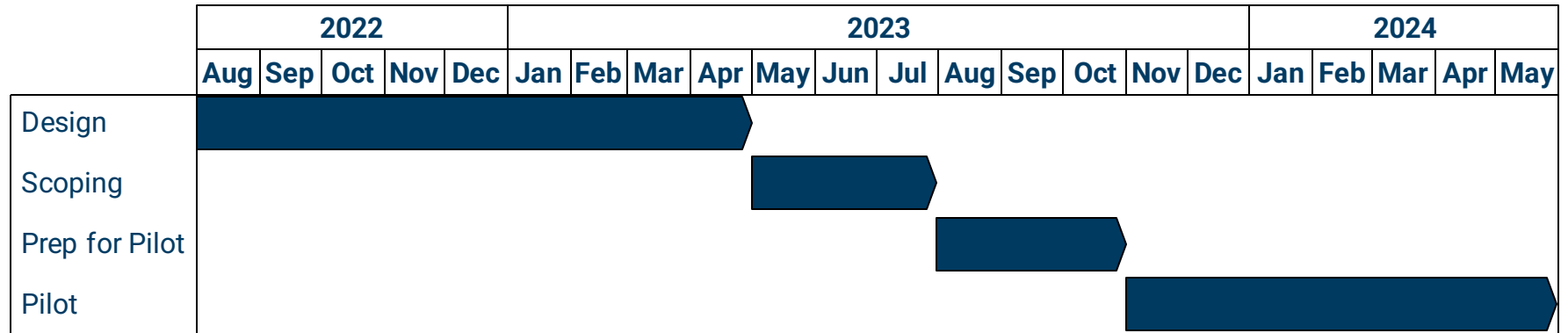
MMMCZCS and RMI are developing a maritime B&C that allows companies in the value chain to accelerate their decarbonization



Led by not-for-profits with extensive experience in both the maritime industry and Book & Claim

Piloting a platform and a methodology that focuses on credibility and transparency















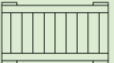





Timeline



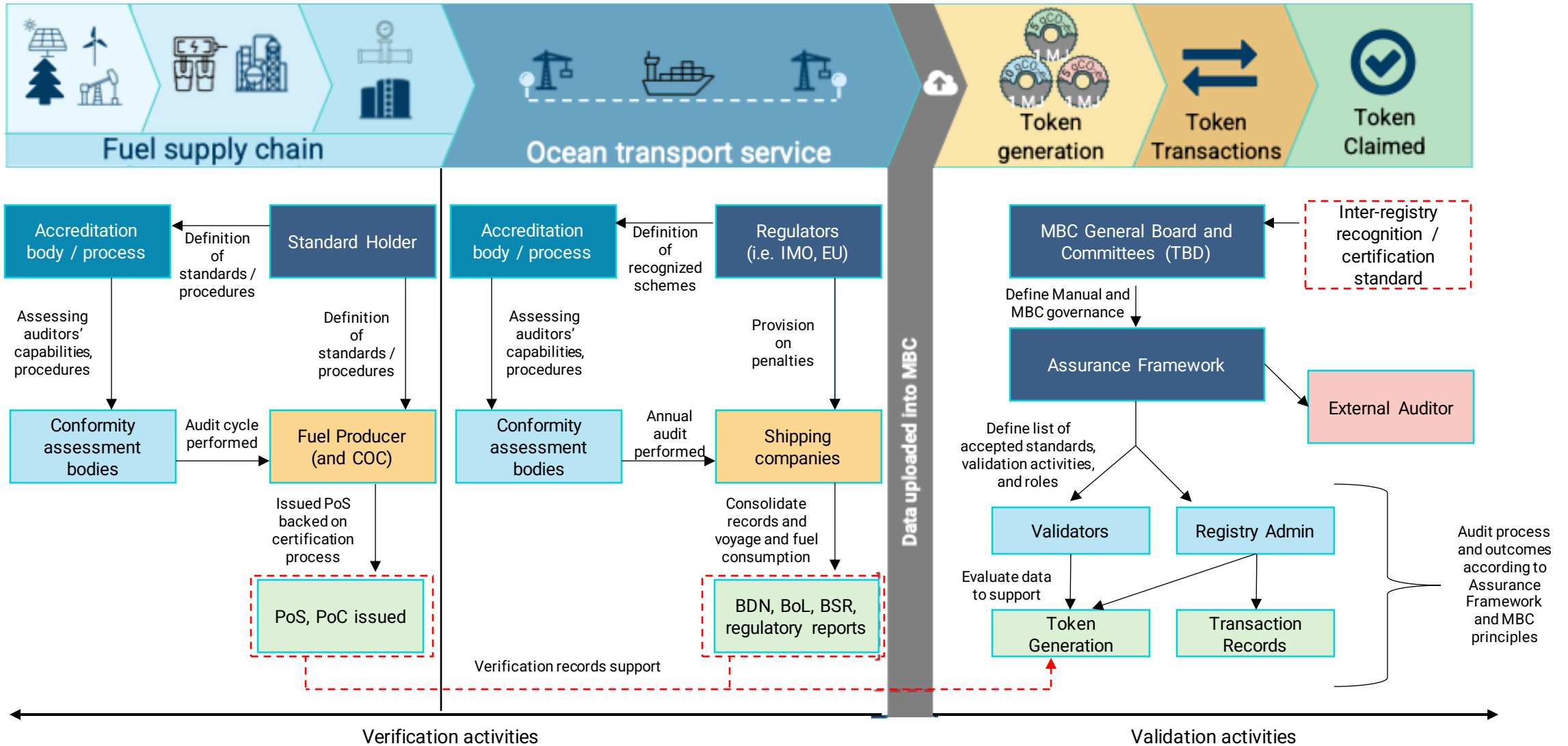
Activities

- **Design:** Project focusing on how a maritime specific Book & Claim should be designed. Culminated in the release of two reports in April 2023.
- **Scoping:** Scoping work for pilot phase and outreach towards potential participants and advisors
- **Prep for Pilot :** Translating report into concrete work packages to be tested in the pilot
- **Pilot:** Test of platform and methodology based on real voyages from participants

MBC provides the rules and the platform to facilitate decarbonization efforts of organizations through value chain

		Maritime Book and Claim (MBC)					
		Commercial agreements	Booking	Passing	Swapping	Claiming	Climate disclosure
	Shipowners / operators						
	Freight forwarders						
	Cargo owners						

Assurance relies on robust verification schemes through value chain



Book & Claim Community for Heavy Transport

Smart Freight Centre (SFC) and RMI are partnering as secretariat to connect, support, and catalyze efforts across numerous stakeholders towards the development of a unified book and claim chain of custody framework for transport decarbonization.

Program objectives

- **Serve as a central hub.** Bring together actors developing book and claim systems and offerings to help enable book and claim to function at scale.
- **Reduce duplication.** Facilitate work across book and claim stakeholders to avoid overlap and to identify and resolve barriers and gaps.
- **Communicate and advocate.** Create a clear narrative about how book and claim can help accelerate heavy transport decarbonization and how book and claim stakeholders are working together to realize this goal.

