Workshop objectives

- Learn from companies' experiences and preferences to inform design of a toolkit that works for users

- Allow companies to share use-cases on how a toolkit could help them implement the science-based targets process

- Begin co-creating with companies the design for a nature science-based targets toolkit

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Desired outcomes

- A vision for the toolkit that is shared by the SBTN Technical Team and Corporate Engagement Program companies

- User needs identified for a toolkit that allows companies to operationalize the science-based targets process

- Motivation for and ownership of the science-based targets toolkit design vision built within Corporate Engagement Program companies

Setting the context

Givens

- The design for the toolkit will be developed **in partnership** between the SBTN Technical Team and the Corporate Engagement Program

- Ideas from the Corporate Engagement Program, **including surprises**, and anticipated and welcome!

- There are some overarching **design parameters**

Design parameters

- The toolkit must be aimed at **companies**

- The toolkit must enable companies to operationalize **all five steps** of the science-based targets process laid out in the *Initial Guidance for Business*

Science-based targets (SBTs): Measurable, actionable and time-bound objectives, based on the best available science, that allow actors to align with Earth's limits and societal sustainability goals

Reminder: process of target setting
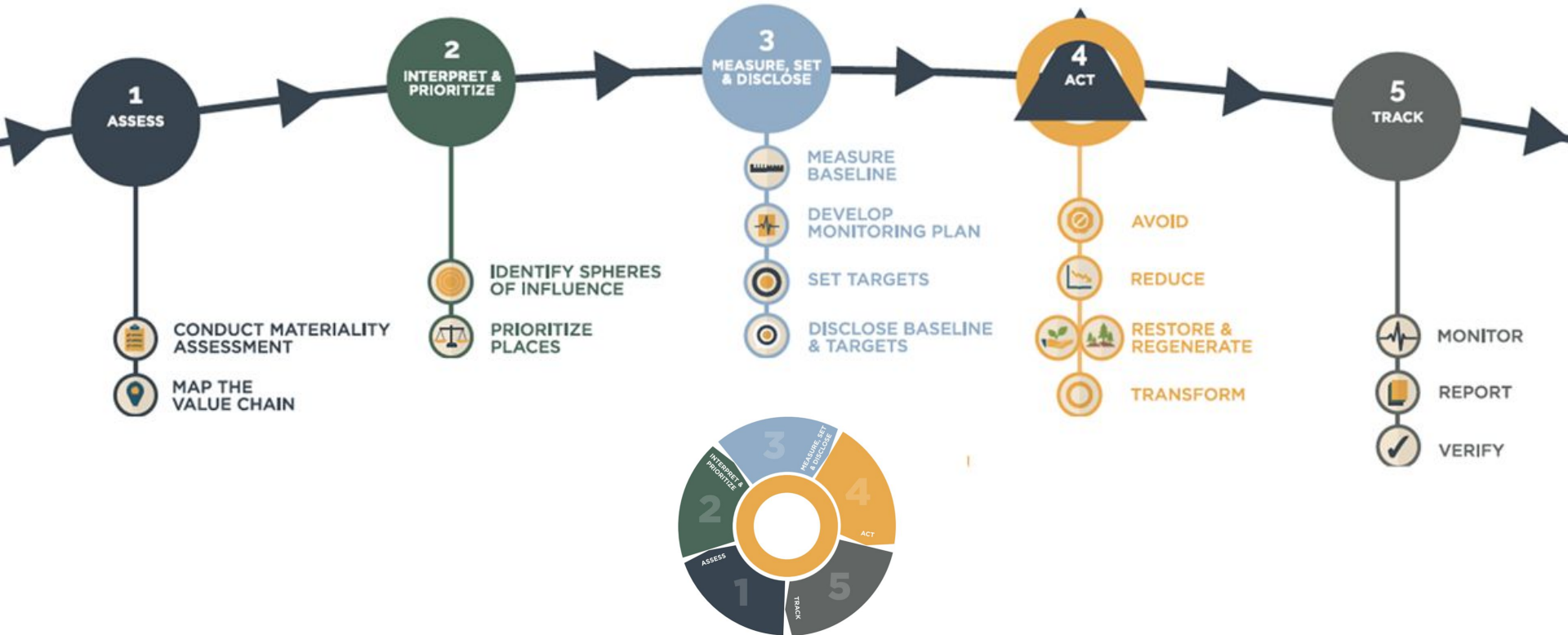
Defining a tool

- We use a broad definition of tool to capture **anything that facilitates corporate target setting**

- This can include: interfaces for analysis, data platforms and databases, modelling software, metrics, approaches, frameworks, and decision trees, among others
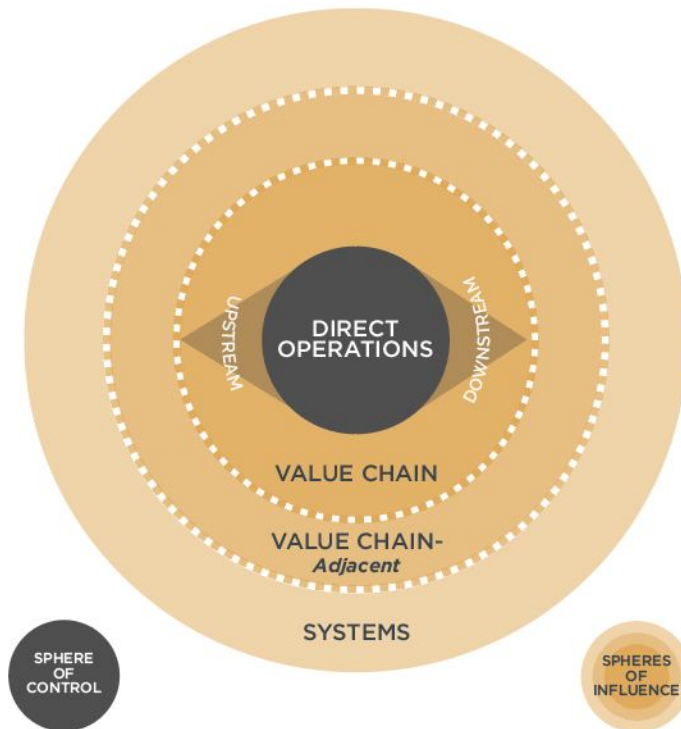
Design parameters

- **Users of all types should be able to find their way:** the toolkit must be suitable for companies of all sizes, stages of 'sustainability maturity' (e.g. experience collecting data), business activities, operating locations, and positions in the value chain

- **Data should not be a barrier to entry:** the toolkit must be suitable both for companies with a lot of high quality data and companies with more limited data

- **Modularity:** different elements of the toolkit may be used by different companies

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Design parameters

- The toolkit needs to enable companies to engage in collective action in the places/'scapes' surrounding their **direct operations**, **upstream**, and **downstream activities**

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Design parameters

- The toolkit needs to enable companies to address **impacts** and **dependencies** across all **target categories** and **realms**
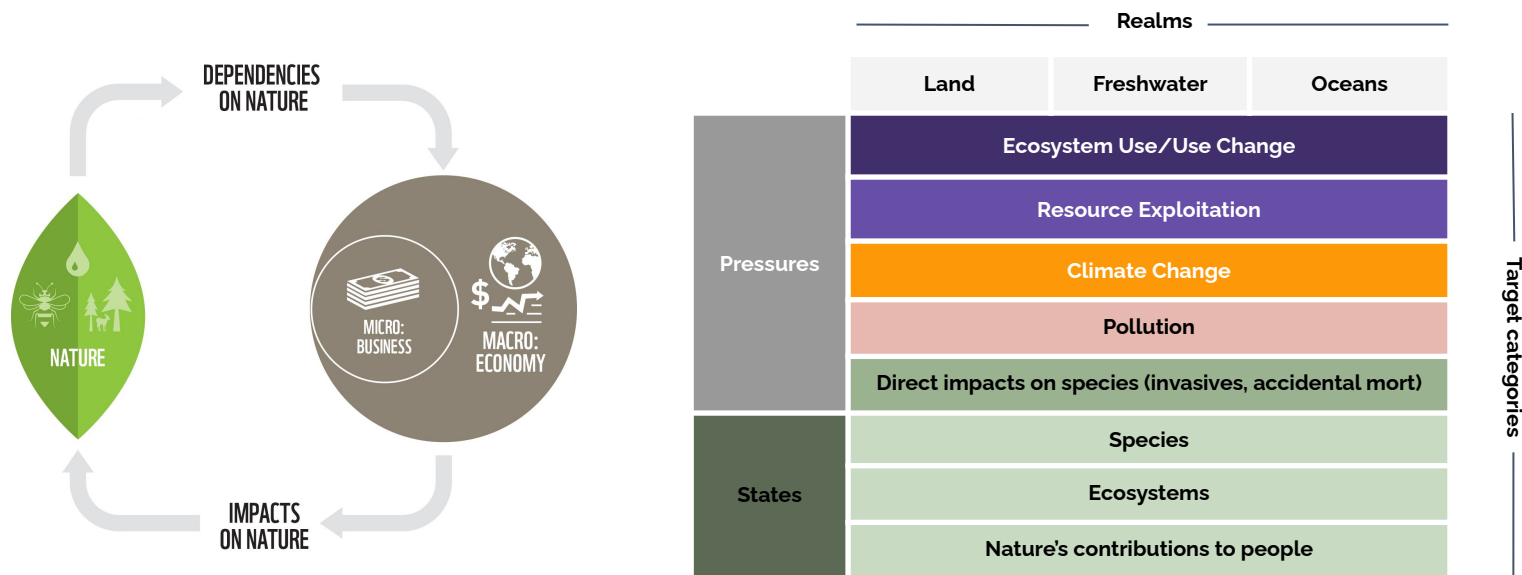
Design parameters

- Wherever possible, the toolkit will seek to **build on and complement** (rather than replace/duplicate) existing tools and approaches that companies are already using

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Design parameters

- With these points considered, we are open to **any and all** input from users

- Use **broad** definitions of "tool" and "toolkit" in the upcoming assignments - what is a useful tool may differ for different steps of the science-based targets process

How will the results be used?

- This workshop is the first element of the SBTN toolkit user needs assessment - feedback from participants will inform the toolkit development but does not guarantee specific outcomes

- Development of the toolkit will kick-off in late 2021 or early 2022, and depends to an extent on the development strategies of existing tools and funding

2021											2022											
Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
User needs and tools scoping research				Present vision and spec			Kick off tools development													Toolkit launch		

Current option

Option 1: Issue-specific tools/toolbox
This is the current model, where SBTN directs companies to a wide range of tools developed by different organizations, and provides guidance on which issue areas and part of the science-based targets process each tool is suitable for, and how to use tools.

	LAND	WATER	OCEAN
Tools by realm	Global Forest Watch	Water Risk Filter	Ocean+
	trends.earth	Aqueduct	Plastic Scan
Issue-specific tools — Climate change	Scope 3 Evaluator		
	GHGP Tool		
Biodiversity (eco-systems, species, NCP)	Integrated Biodiversity Assessment Tool		
	Global Biodiversity Information Facility		
Cross-cutting Tools — Spatial Analysis	InVEST		
	UN Biodiversity Lab (previously Nature Map)		
	Resource Watch		
Supply Chain Modeling	(Environmentally Extended) Input-Output Models (e.g., EXIOBASE)		
	trase.earth		
Materiality Assessment	ENCORE		
	CDP (covering Water, Forests, and Climate)		
Compiled Tool Databases	Iris+		
	SHIFT		
	Biodiversity Guidance Navigation Tool		
	Metrics Database		

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Toolkit options

Option 1: Issue-specific tools/toolbox	Option 2: Cross-issue "master tool"	Option 3: Criteria for tools and accreditation process	Option 4: Hybrid
This is the current model, where SBTN directs companies to a wide range of tools developed by different organizations, and provides guidance on which issue areas and part of the science-based targets process each tool is suitable for, and how to use tools.	A single integrated SBTN tool for steps 1-5, that may draw from other tools but is all in one central interface (e.g. front-end on SBTN website that draws from other tools).	SBTN could publish criteria that third party tool providers use to ensure their tools are suitable for the science-based targets process. SBTN could accredit these tools to ensure they are of the required standard/characteristics, raise awareness about them with companies, and provide guidance on their use.	A hybrid of two or all of the other three options.

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Summary and next steps

Tools workshop summary
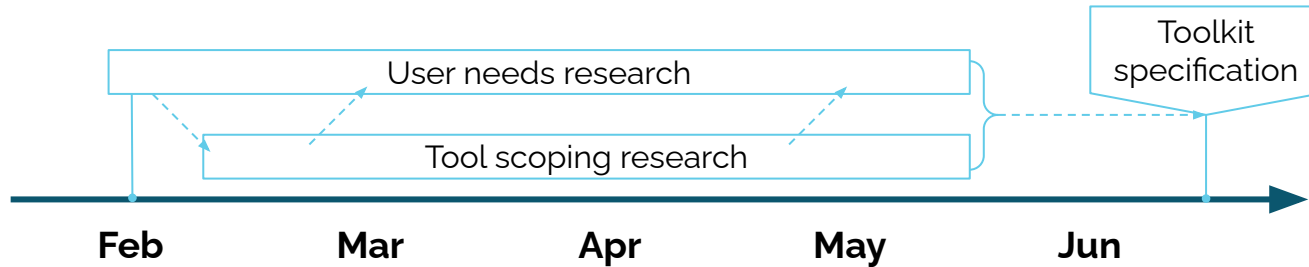
Assignment 1 - **Initial visions**

Assignment 2 - **Scenarios**

Assignment 3 - **Draft solutions**

Next steps to June 2021

- SBTN will consolidate feedback from this workshop
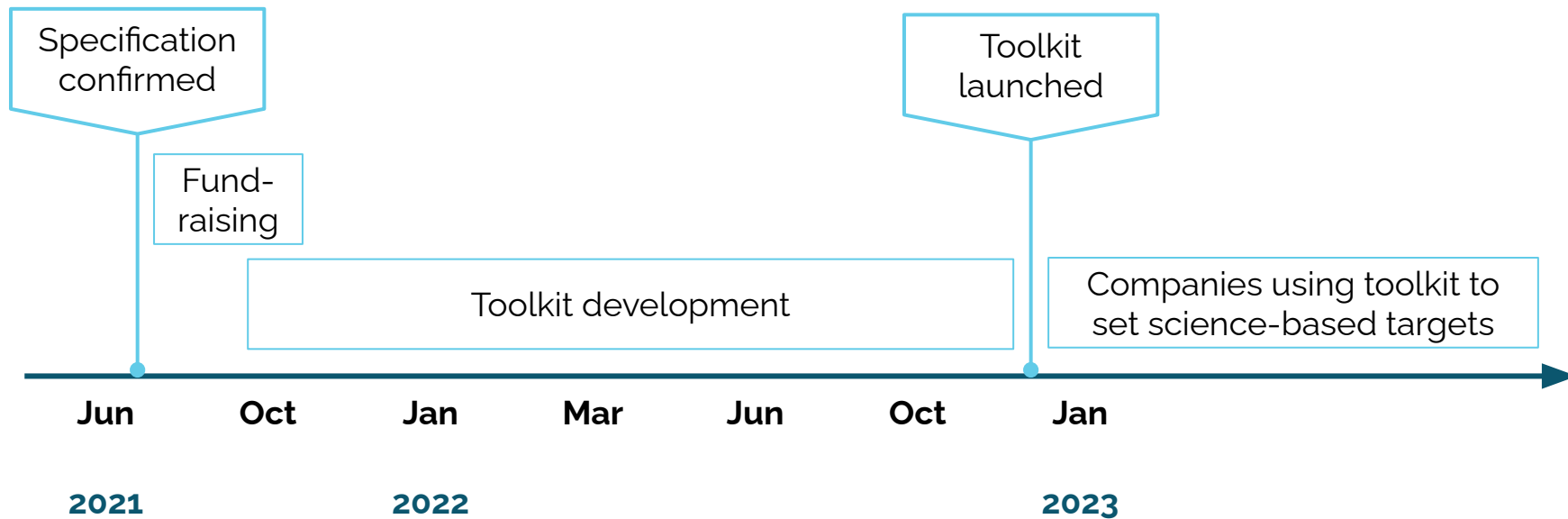
- Feedback will be shared with the technical team

Toolkit specification

User needs research

Tool scoping research

Feb   Mar   Apr   May   Jun

Further opportunities to participate in the toolkit design process

Opportunity	When	Who do we need	Why participate?
1. User needs workshop	February 2021	Everyone - decision makers, influencers, implementers, end users	To inform SBTN's product development process by co-creating a tool/toolkit design concept
2. Small group sessions (one-to-one interviews and focus groups)	March - May 2021	Technical tool users	Tailor the vision and specification, and work through specific technical challenges, to develop a tool concept that works for end-users
3. Review specification	June 2021	Technical tool users and users of tool outputs	

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Next steps to December 2022

Specification confirmed

Fund-raising

Toolkit development

Toolkit launched

Companies using toolkit to set science-based targets

Jun   **Oct**   **Jan**   **Mar**   **Jun**   **Oct**   **Jan**

2021   **2022**   **2023**

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Closing

Corporate Engagement Program (CEP) Update

- Water Hub: self-guided pilots and monthly office hours (4th Thursday, 8:30 AM EST). **Let Jess know Thursday EOB if you want to be on the mailing list**

- CEP review of technical development schedule review and group learning – March 11th. **Send questions to Jess in advance**

- CEP Step 1 Survey- sent out this week, **feedback by June 30th appreciated** but not required

- CEP user **feedback on Step 1 and 2 end of March**

Resources

1. Within 1 year of joining, members must use the Guidance to complete (or benchmark against if already done) Step 1: Assess and provide feedback using a survey we will email you

2. Provide feedback on the Guidance using the following survey

3. Corporate Engagement Members communications pack

4. Members-only website portal contains important documents and videos, engagement opportunities, member announcements, questions you have, and videos.
   - Email announcements, best practices/barriers or questions to post on the page: corporate-engagement@sciencebasedtargetsnetwork.org
   - Password: SBTNProgram

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Key Contacts

- General and administrative questions about the corporate engagement program: corporate-engagement@sciencebasedtargetsnetwork.org

- Other questions and requests: Jess@sbtnetwork.org

- Comms and Social Media: Tara@sbtnetwork.org

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Thank you

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	Target category	Land	Freshwater	Oceans
Pressures	**Ecosystem Use/Use Change**	Conversion		
		Deforestation	Drainage	Dredging
		Habitat fragmentation		
	Natural Resource Exploitation	Land degradation	Freshwater ES degradation	Marine ES degradation
		Extraction of timber or other fibrous resources	Extraction of water, fish or other freshwater resources	Extraction of fish or other marine resources
	Climate Change	Greenhouse gas emissions		
	Pollution	Discharges -- effluent, solid, air		
		Accumulation -- soil	Accumulation -- water table	Accumulation -- marine ecosystems
	Direct impacts on species	Invasive species		
		Accidental mortality		
States	**Species**	Species population and abundance; species extinction rates		
	Ecosystems	Ecosystem extent, connectivity and integrity		
	Nature's contributions to people	NCP availability		