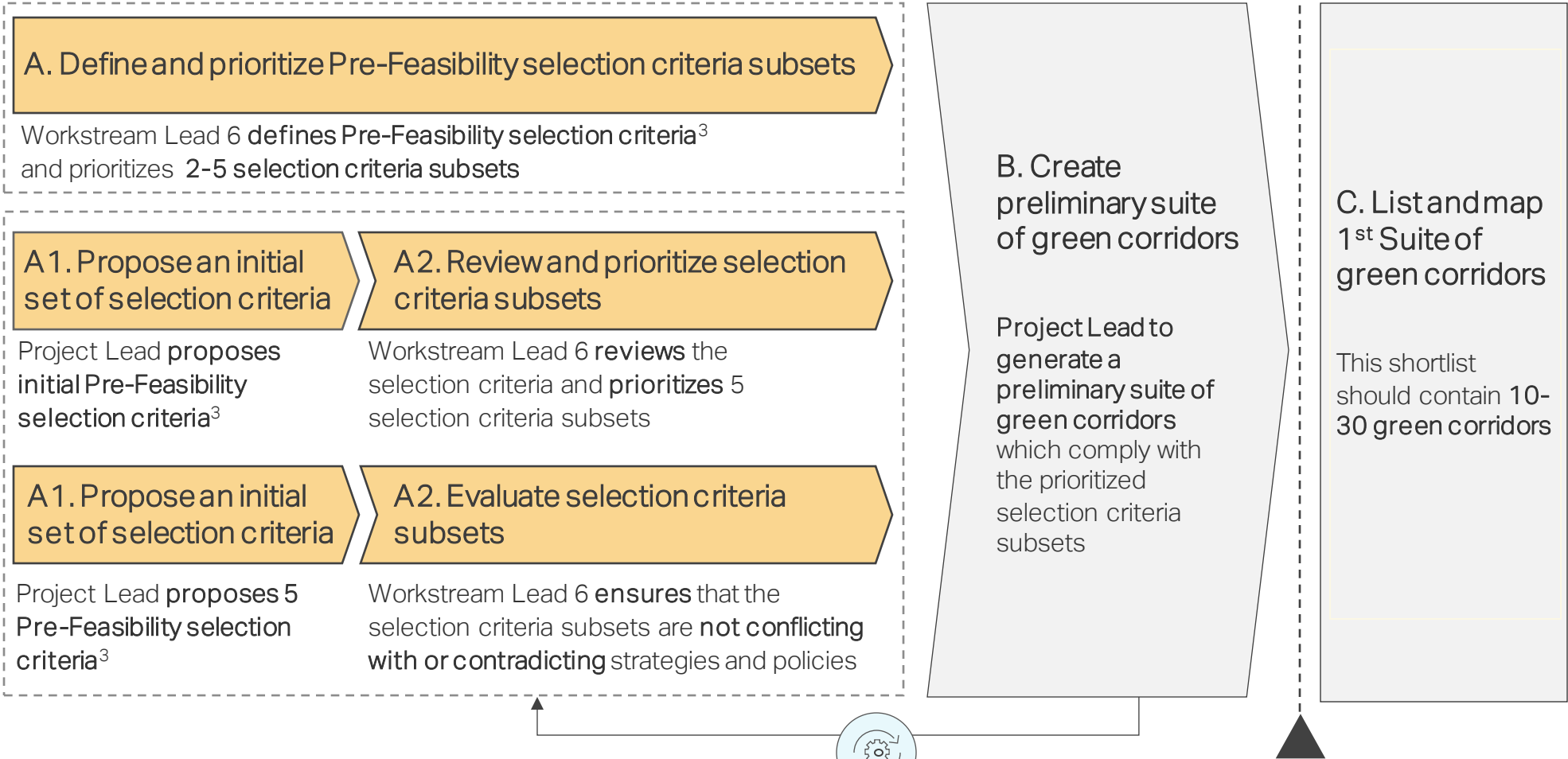# Two options to generate selection criteria

Option 1: Selection criteria <u>defined by Workstream Lead 6</u>[16]

Option 2.1[17]**:** Initial selection criteria proposed by Project Lead – <u>Reviewed by Workstream Lead 6</u>

Option 2.2[18]**:** Initial selection criteria proposed by Project Lead – Possible <u>conflict / contradictions identified by Workstream Lead 6</u>

A. Define and prioritize Pre-Feasibility selection criteria subsets

Workstream Lead 6 **defines** Pre-Feasibility selection criteria[3] and prioritizes 2-5 selection criteria subsets

A1. Propose an initial set of selection criteria

Project Lead **proposes initial** Pre-Feasibility selection criteria[3]

A2. Review and prioritize selection criteria subsets

Workstream Lead 6 **reviews** the selection criteria and **prioritizes** 5 selection criteria subsets

A1. Propose an initial set of selection criteria

Project Lead **proposes 5** Pre-Feasibility selection criteria[3]

A2. Evaluate selection criteria subsets

Workstream Lead 6 **ensures** that the selection criteria subsets are **not conflicting with or contradicting** strategies and policies

B. Create preliminary suite of green corridors

Project Lead to **generate a preliminary suite of green corridors** which comply with the prioritized selection criteria subsets

C. List and map 1st Suite of green corridors

This shortlist should contain 10-30 green corridors

Optional:
If needed, **adjust selection criteria** in an iterative way to capture relevant strategic insights

Sign-off on selection criteria subsets and corresponding suite of green corridors with relevant project members

Selection criteria options

Chapter analysis

Green Corridor **selection criteria** (might be related to vision and objectives) and **ranking** (stakeholder-specific) of criteria

Criteria	Example	Table
1	Transport of cargo / service	Table 3.5, 3.6 and 4.1 to 4.4
2	Domestic trade route	Table 4.3
3	International trade route	Table 3.2, 3.3, 4.2, 4.3 and 4.5
4	Transport of top 10 cargo	Table 3.2 and 3.3
5	Primary trade routes	Table 4.2 to 4.4
6	Any corridor from largest port	Table 3.2 and 3.3
7	CO_2 emissions	Table 2.5, 2.10 and 4.1
8	Any corridor until 2030	Table 2.2, 2.3, 3.5 and 3.6
9	Use of alternative fuel	Table 2.2, 2.3, 3.5 and 3.6
10	Regulatory feasible	Table 5.1.x

Selection criteria might not always be one-dimensional, meaning that you will have to combine data from different tables and include qualitative knowledge. In this case, an objective result is always difficult, and the list of corridors will be influenced by the ones executing the Pre-Feasibility assessment.

Please keep in mind that the **qualitative data**, which will be gathered during **interviews** with the relevant **stakeholders**, are equally important and can indicate what to focus on.

A. Define and prioritize selection criteria subsets in the Excel tool (1/2)

2 **Prioritization**
Prioritize selection criteria subsets
A-X by numbering them from 1-3
(where 1 is highest priority)

1

Selection criteria
Insert selection
criteria.

Choose from
drop-down menu
where applicable

	B	C	D	E	F	G	H	I	J	K	L	M
		Priority of selection criteria (1 - most important to X - least important)										
			A						B			
Corridor specific options		Pick from list										
Region specific options		Insert item										
Standard values		Timing		year						year		
		Intrafuel (fuel production in project area)										
		Specific fuel		fuel type						fuel type		
		Vessel segment										
		Domestic										

A. Define and prioritize selection criteria subsets in the Excel tool (2/2)

Elements	Corridor specific options
Trade and logistics	– Transport of cargo / service xy
	– Transport of top 10 cargo (volume)
	– Transport of top 10 cargo (value)
	– Primary trade routes (port A to port B)
	– Expected future growth, CAGR 2021-25
	– Any corridor from largest port
Emissions	– CO_2 emissions
Corridor readiness	– Any corridor until 2030
	– Alternative Fuel 1 readiness with specific amount
	– Regulatory feasible
Vessel	– Any corridor with specific vessel type
	– Primary vessel types in region

		A
Corridor specific options	Pick from list	
Region specific options	Insert item	
Standard values	Timing	year
	Intrafuel (fuel production in project area)	
	Specific fuel	fuel type
	Vessel segment	
	Domestic	

Add region-specific details related to corridor-specific options, e.g., type of cargo

Timing: Input first year of operation

Vessel segments: Container, bulk carrier, tanker, RoRo, gas carrier, cruise, general cargo, tug, ferry, not relevant

Fuel types: e-ammonia, e-methanol, e-hydrogen, blue ammonia, bio-methane, e-methane, bio-methanol, bio-diesel, e-diesel, non-ammonia, blue hydrogen, not relevant

EXAMPLE

From Excel tool to prioritized selection criteria

Template with selection criteria

High-level summary of prioritized criteria subsets (exemplary)

Proposed criteria for corridor selection in Chilean Pre-feasibility Study

AREA | CARGO | OTHER

– Criteria Sub-set 1
– Domestic use of **Ammonia as Cargo** and **Ammonia as fuel** before 2030

– Criteria Sub-set 2
– Transport of People internally in Chile on vessels **by non-Ammonia Alternative Fuel** before 2030

– Criteria Sub-set 3
– **International** Transport of a **Top 10 Export** (by value) good in 2030

– Criteria Sub-set 4
– One of the **Top 10 most CO$_2$ emitting vessels** (in 2020) to be on **Alternative Fuel** by 2030

– Criteria Sub-set 5
– **International transport** of Ammonia to enable ammonia as a future commodity before 2030

– Criteria Sub-set 6
– **Any vessels and cargos** which can sustain a corridor by **2027** by **5000 (?) t fuel/y**

1st Suite of green corridors (Section 6M)

Each column makes up one selection criteria subset. **All selection criteria subsets are prioritized and summarized** to serve as the basis for **further discussion**

Each of the **green corridors** selected for further discussion **corresponds to one of the prioritized selection criteria subsets**