



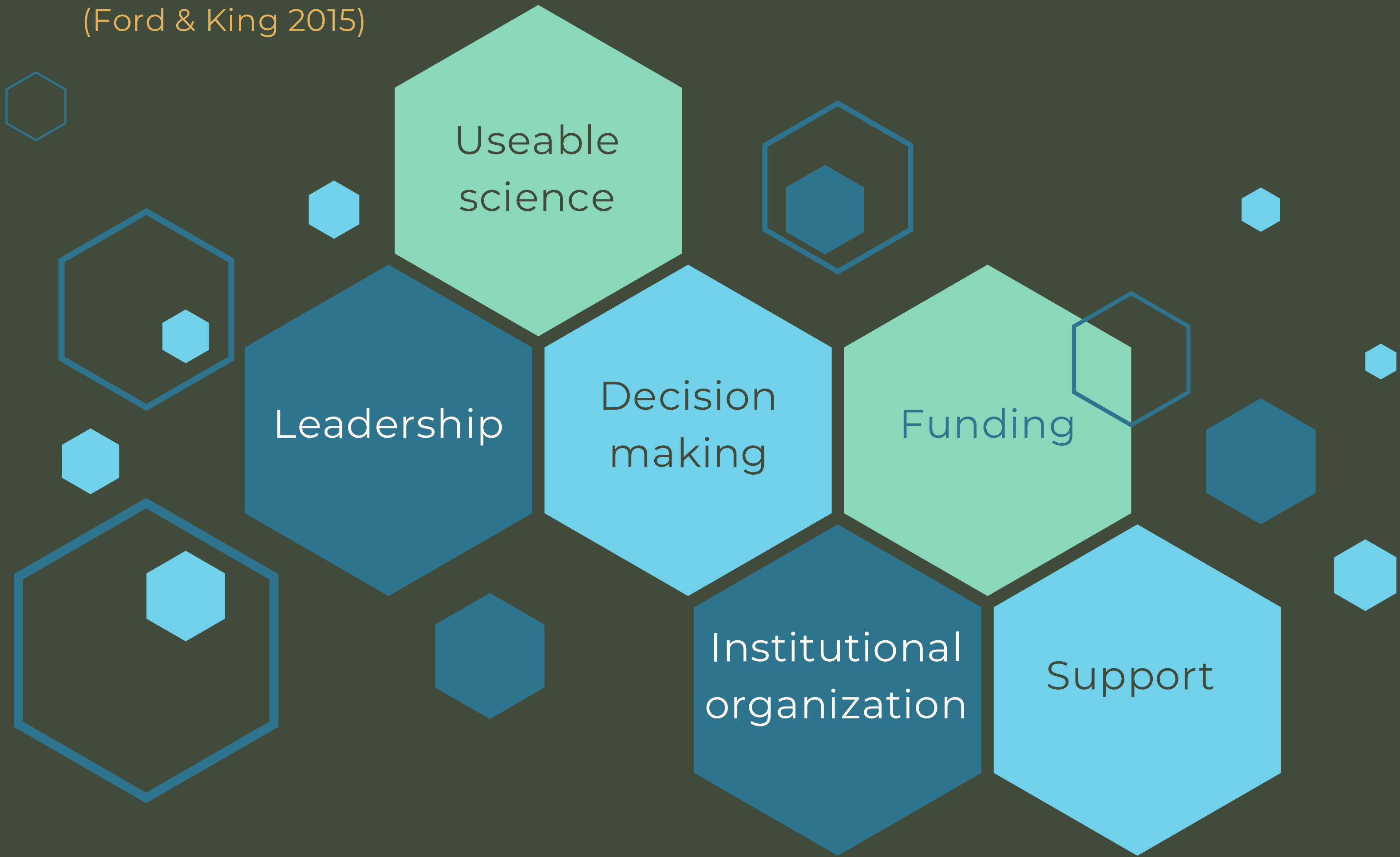
Planning for change

LOCAL & REGIONAL APPROACHES TO
RESILIENCE IN THE YUKON

Alison Perrin
January 20, 2024

Adaptation Readiness Framework

(Ford & King 2015)



Senior government perspectives on barriers to climate action in the Yukon

Alison Perrin, Kiri Staples, Ellorie McKnight & Avery Zammit

Leadership & decision-making

Approach

Goal: to understand barriers, gaps, and needs for incorporating climate actions

Desired outcome: to identify tools or training to support Government of Yukon senior leadership

Audience: Government of Yukon senior leadership

Leadership & Decision making

Preliminary results

Respondent Role	Number of participants
Deputy Minister	1
Asst. Deputy Minister	7
Director	18
President/CEO	0
Vice-president	1
Other (Sr. Advisor/Analyst)	2

- 29 responses (20% response rate)
- 80% rate of completion of survey
- 12 Departments or agencies represented

Leadership & Decision making

Yukon climate change publication trends

Alison Perrin & Pearl Carpina

Useable science

Approach

322 Total number of climate change publications from **2003 - 2022**

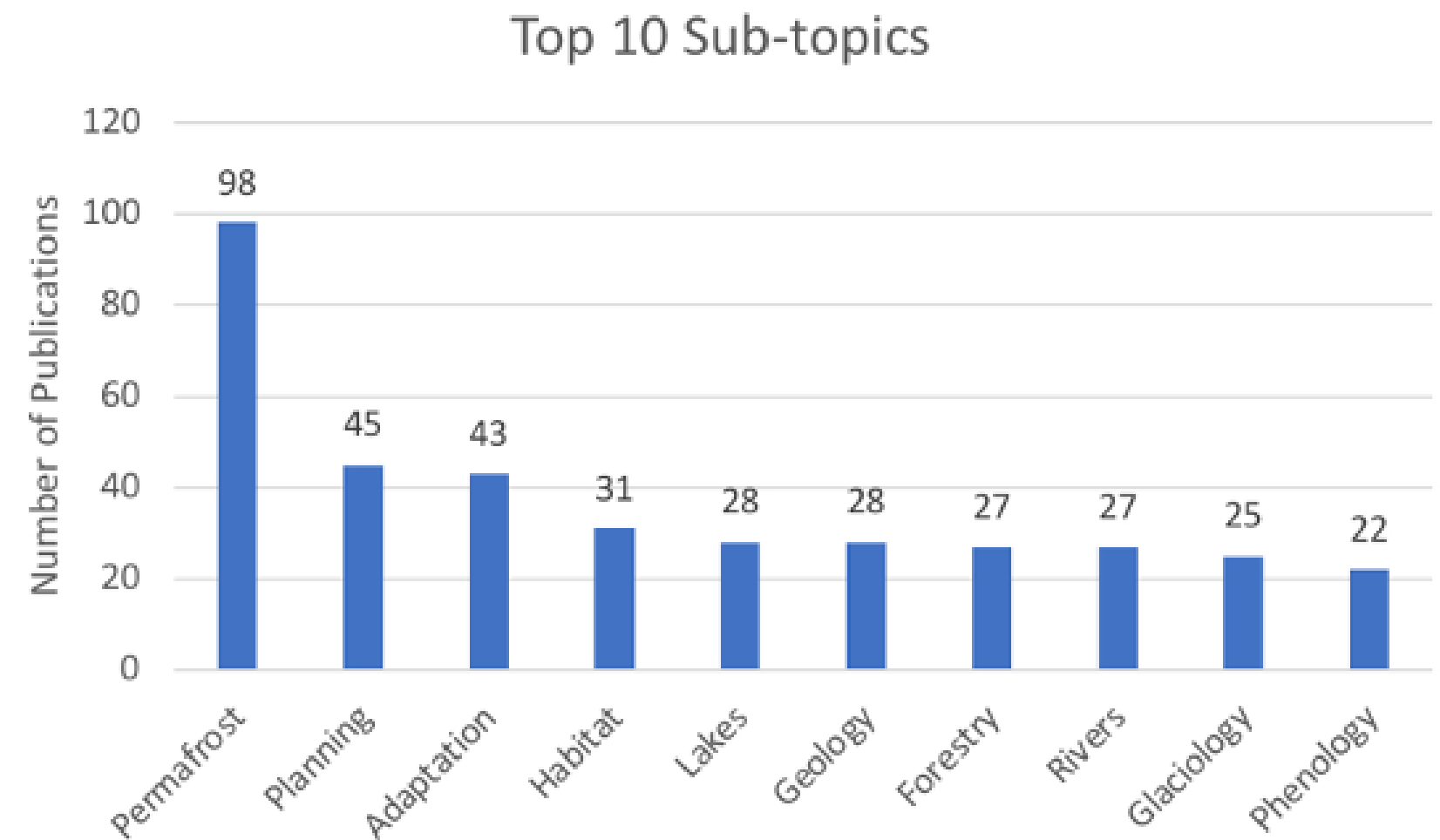
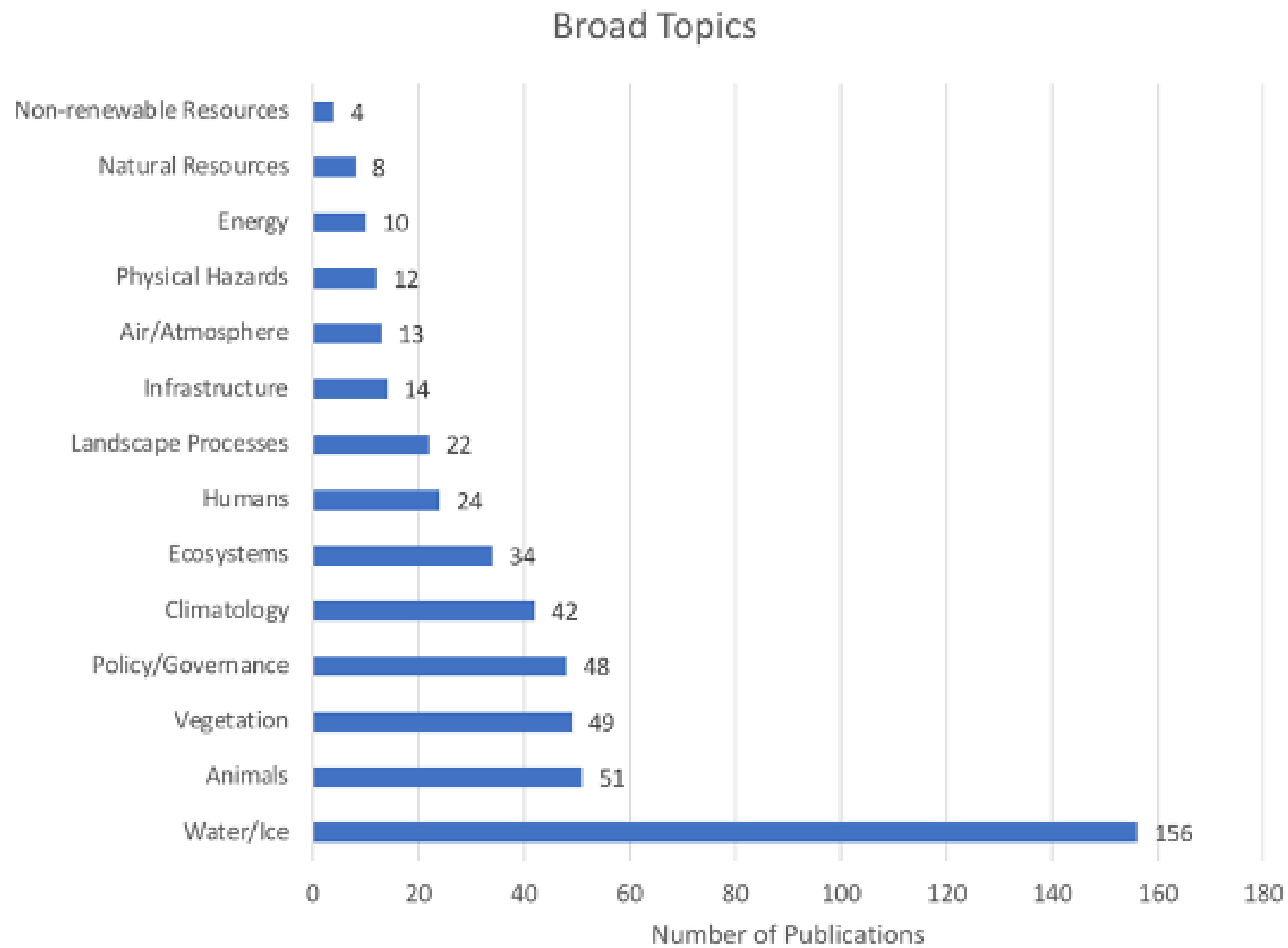
Publications include peer-reviewed articles, reports, and other published written documents available online.

Document tracking and coding process:

- Publication meta-data
- Geographic scale
- Geographic focus (community/landscape area)
- Yukon First Nations and Transboundary Nations
- Broad and sub-topics
- Methodology
- Indigenous Knowledge
- Local Knowledge

Useable science

What do we know about climate change in the Yukon?



Useable science

An analysis of Government of Canada's adaptation funding programs

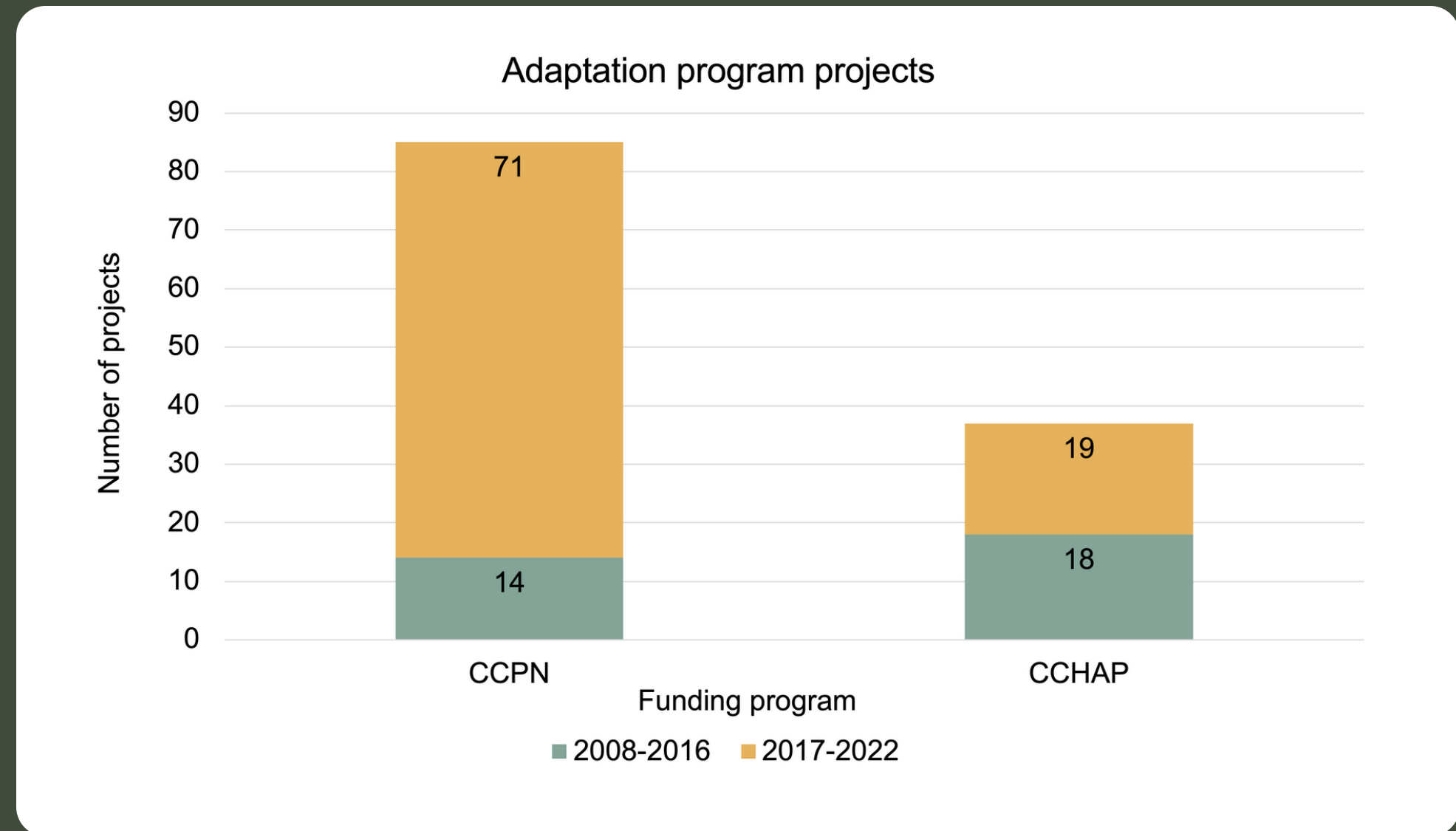
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Funding & Decision making

How much adaptation is happening in the Yukon?

122 Total number of adaptation projects funded between **2008 - 2022**

47 Total number of adaptation projects (n=122) that include or reference Indigenous Knowledge (IK) in the project description



Funding & Decision making

What kinds of adaptation projects are happening?

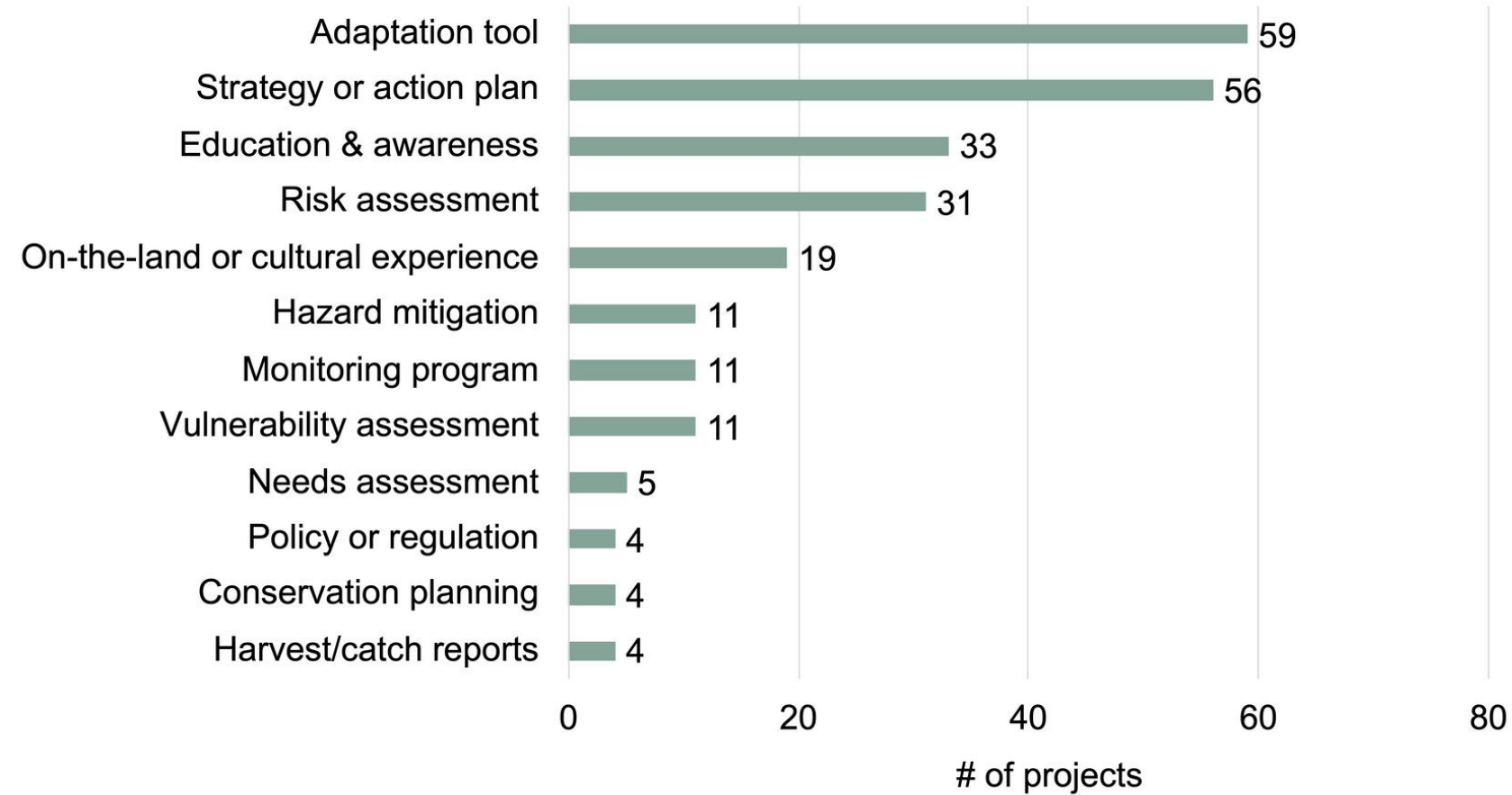
34

Total number of adaptation projects that mention capacity-building activities in the project description (n=122)

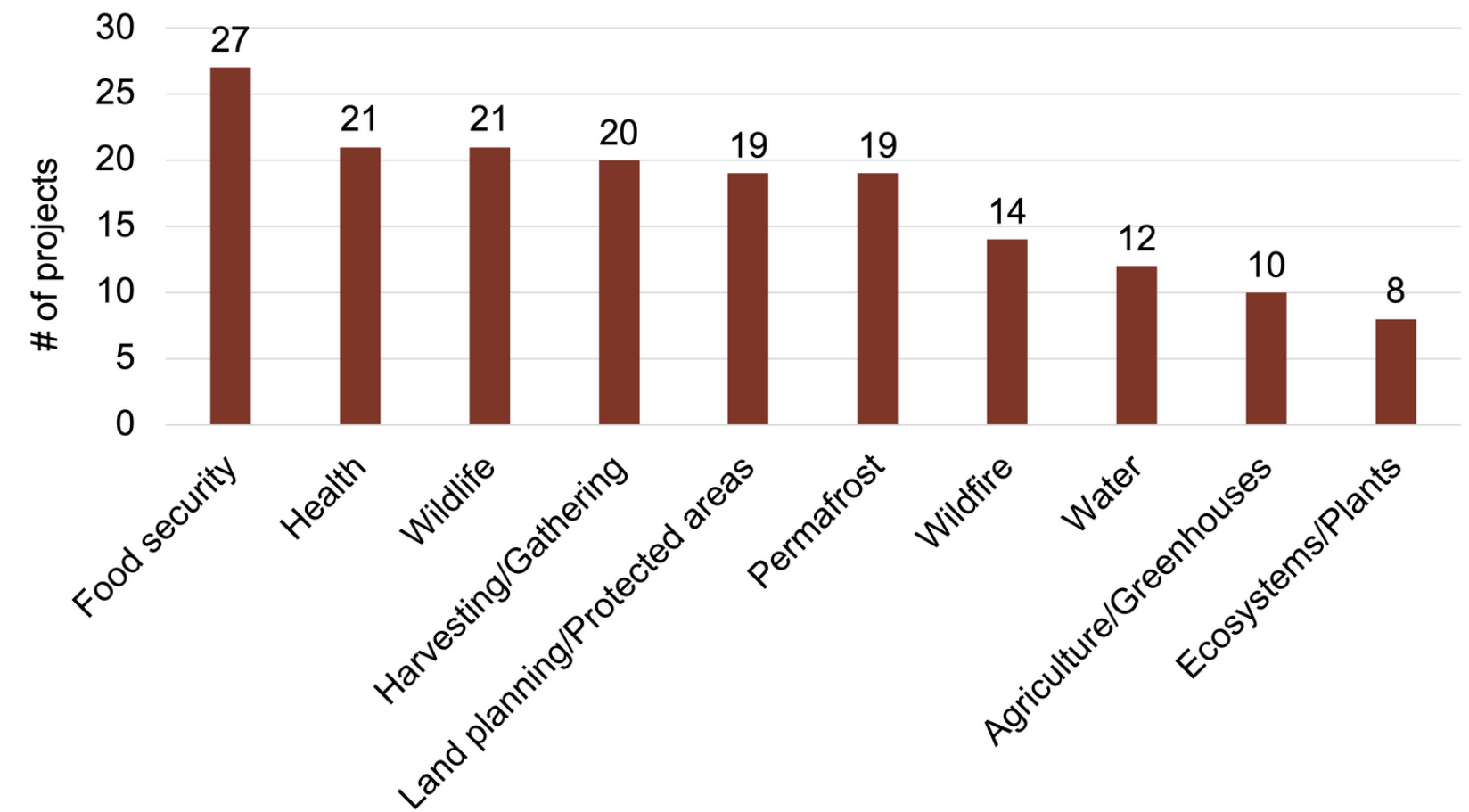
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Total number of projects that focus on youth or mention youth participation in the project description (n=122)

Type of project

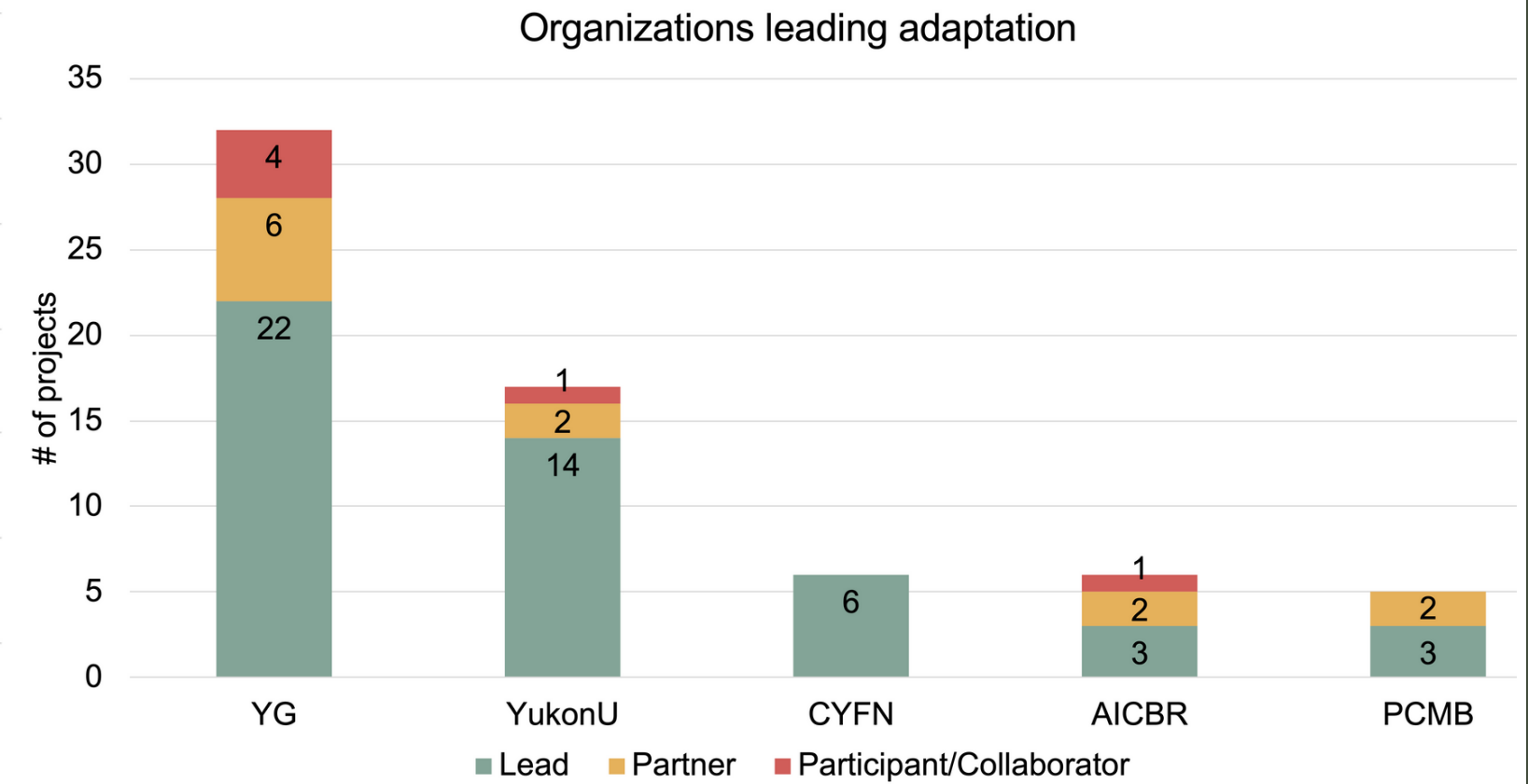
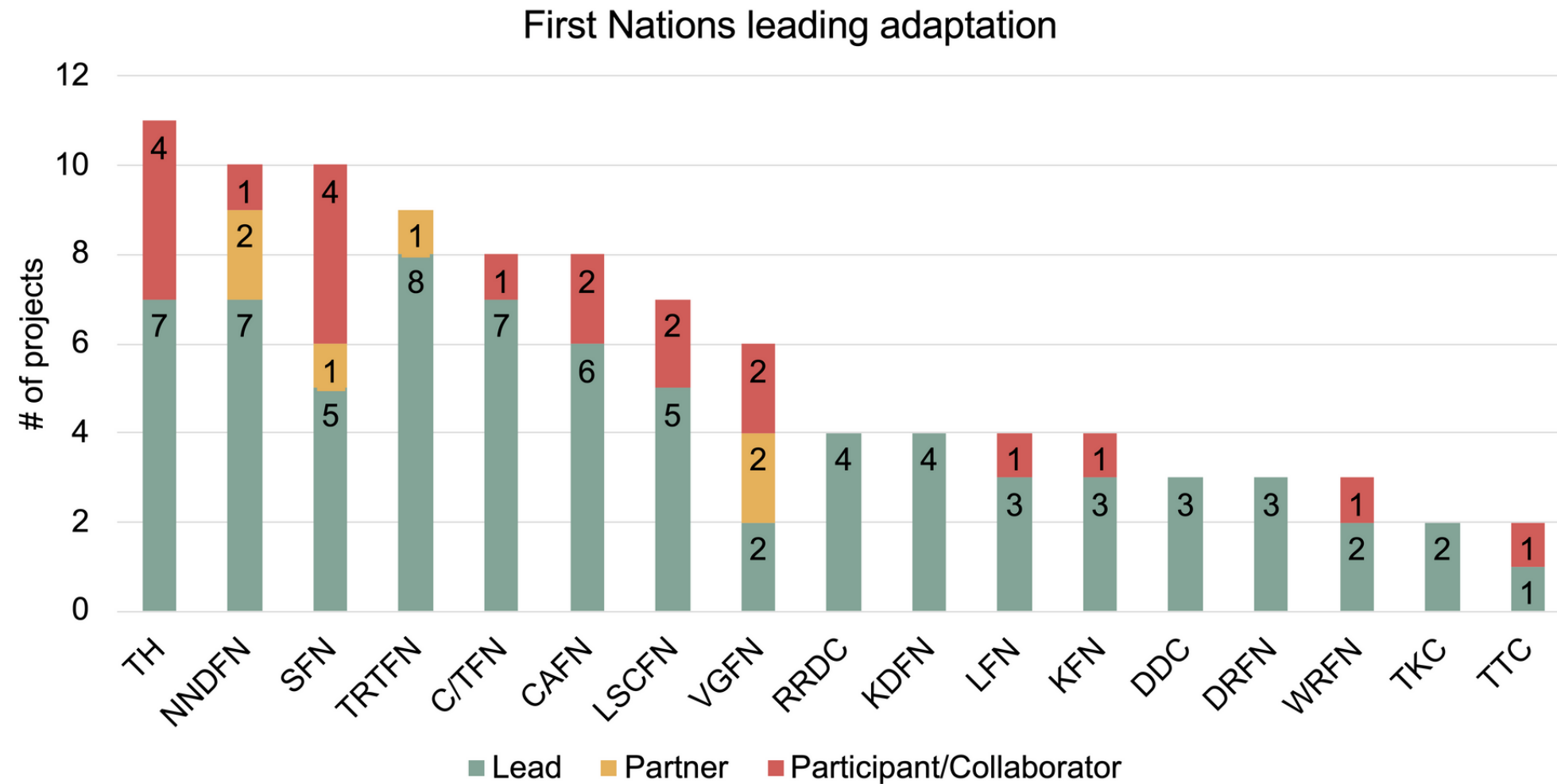


Broad project topics



Funding & Decision making

Who is leading adaptation?



Project lead - main proponent

Project partner - explicitly listed as a partner with the lead organization

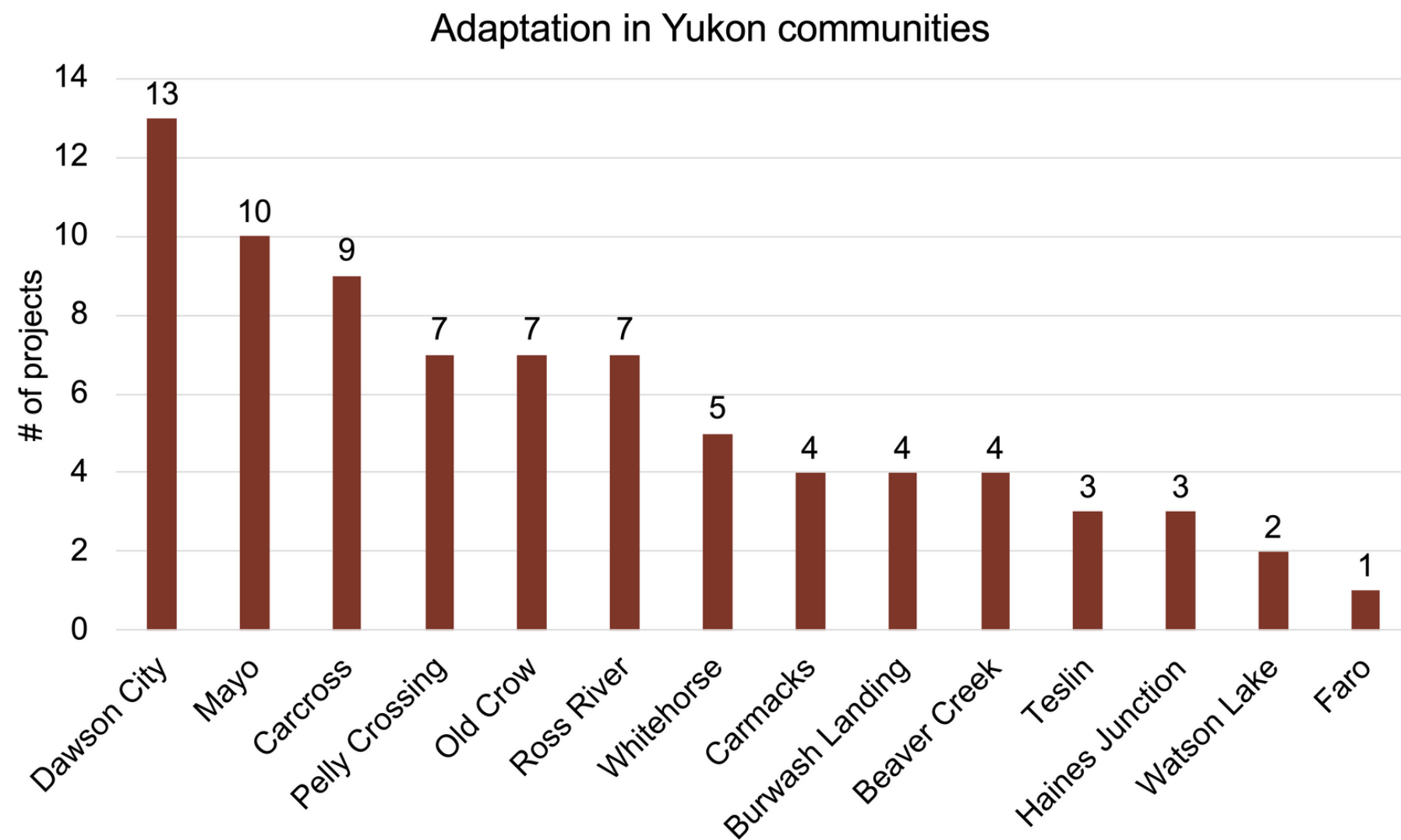
Participant/collaborator - mentioned in the project description of another organization's project

Funding & Decision making

Where is adaptation happening?

24 Number of projects that are Yukon-wide

There was a broad range of Yukon-wide project topics. The most common topics were conservation (6), health (3), and wildfire (2).



Dawson City
Food security (6)
Health (5)
Permafrost (5)
Hunting/gathering (4)
Wildlife (4)

Mayo
Permafrost (3)
Conservation (2)
Health (2)
Water (2)
Wildlife (2)

Carcross
Health (4)
Agriculture (3)
Contaminants (3)
Water (3)
Wildlife (3)

Pelly Crossing
Health (5)
Wildlife (4)
Hunting/gathering (3)
Permafrost (3)
Water (3)

Exploring resilience in the Yukon through local approaches to adaptation

Alison Perrin, Jeff Birchall, Desiree Rose & Nicole Bonnett

Institutional organization

Approach

Goal: to understand local approaches to adaptation through a resilience framework

Desired outcome: to identify pathways to support resilient systems in Yukon communities

Case study focus: Dawson City, Haines Junction, Whitehorse

Institutional organization

Data collection and analysis

16

Interviews with senior public sector stakeholders (e.g., planners, engineers, emergency management, executive leadership, elected officials)

Review of planning and policy documents (e.g., official community plans, sustainability plans, zoning by-laws, adaptation plans, etc.)

Field observations to understand local context

Key themes:

- Organizational collaboration
- Agency & flexibility
- Availability of resources
- Alignment of goals with adaptation

Institutional organization

Future questions

Support: understanding public interest and support for climate change adaptation

Public engagement: understanding the scope of public engagement undertaken in the Yukon in relation to climate change and adaptation

Indigenous knowledge: Support for Yukon First Nation knowledge and approaches to adaptation

Support

THANK YOU · SHÄW NÍTHÄN · GUNALCHÉESH
MÀHSI' CHOO · SÓGÁ SÉNLÁ'

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