

# Digital Research Alliance of Canada as a Research Commons

Mark Leggott: Director, International Relations



**Digital Research  
Alliance** of Canada

**Alliance de recherche  
numérique** du Canada



## *VISION*

To catalyze world-class Canadian research for the greater good

## *MISSION*

As a trusted and inclusive partner, the Digital Research Alliance of Canada fosters national and global collaboration to provide researcher-centric, sustainable and integrated digital research infrastructure.





**1.** Provide Quality Service to all Researchers



**2.** Optimize Organizational Structure and Enhance Capacity



**3.** Work Together for an Integrated DRI Landscape

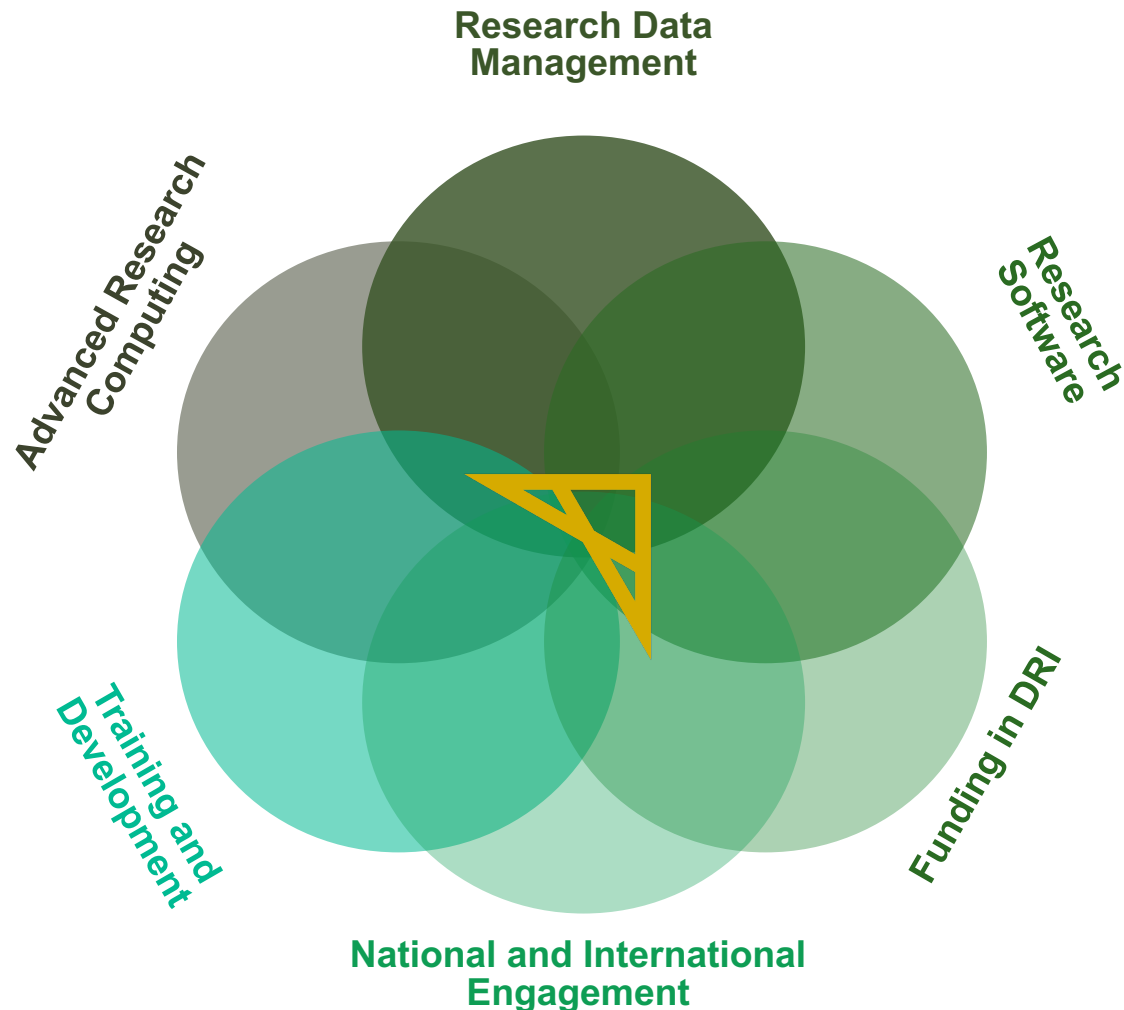


**4.** Maximize Public Investments to Accelerate Innovation



# Service & Funding Model Facets

The Alliance's main activities regarding its services can be illustrated with six overarching facets, in which the Alliance's Guiding Principles, vision and mission are reflected



## The Alliance Facets

The Alliance's service delivery facets are the groupings of activities and services that the Alliance makes accessible to its stakeholders. The facets are defined by specific stakeholders, processes and technology being leveraged. They answer the question: *"What does the Alliance do?"*

## The Alliance's Guiding Principles

Alliance's service delivery facets work to achieve the goals and aspirations arising from its vision and mission:



### Researcher-Centric

The Alliance promotes researcher excellence by understanding and fulfilling researcher DRI needs. This includes considerations such as Diversity, Equity and Inclusion integrated in its activities



### Service-Oriented

The Alliance exists to best serve the research community by ensuring a comprehensive set of services



### Accountable and Transparent

The Alliance aims to be accountable and transparent in all key processes to maintain a sense of trust in the community and to ensure sustainability and stability of funding and services



### Striving for Excellence

The Alliance enables ecosystem excellence through best practices and maintaining a minimal technological standard, catalyzing research for the benefit of all

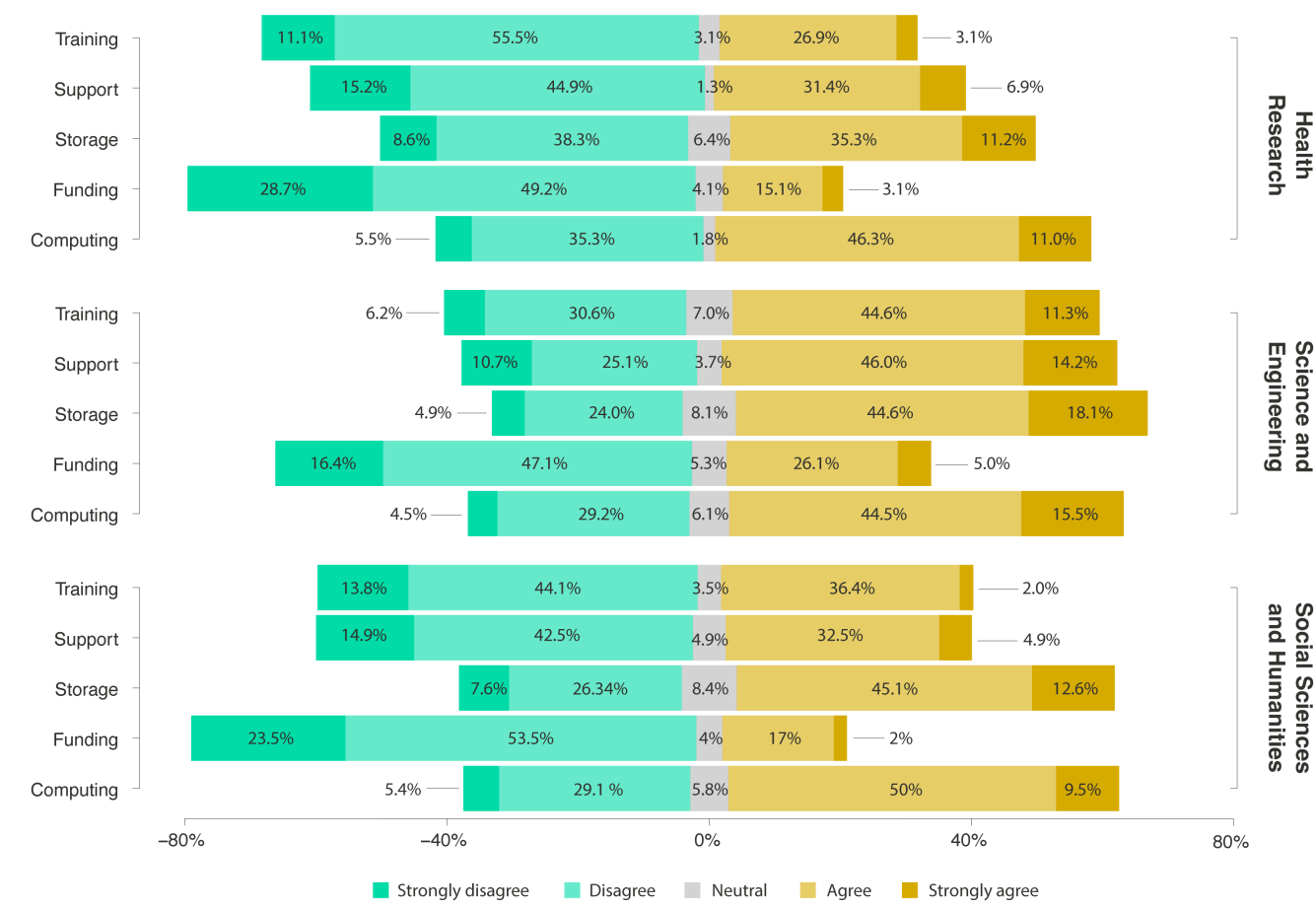


### Collaborative

The Alliance facilitates connections and collaborations within the Canadian DRI ecosystem as well as internationally



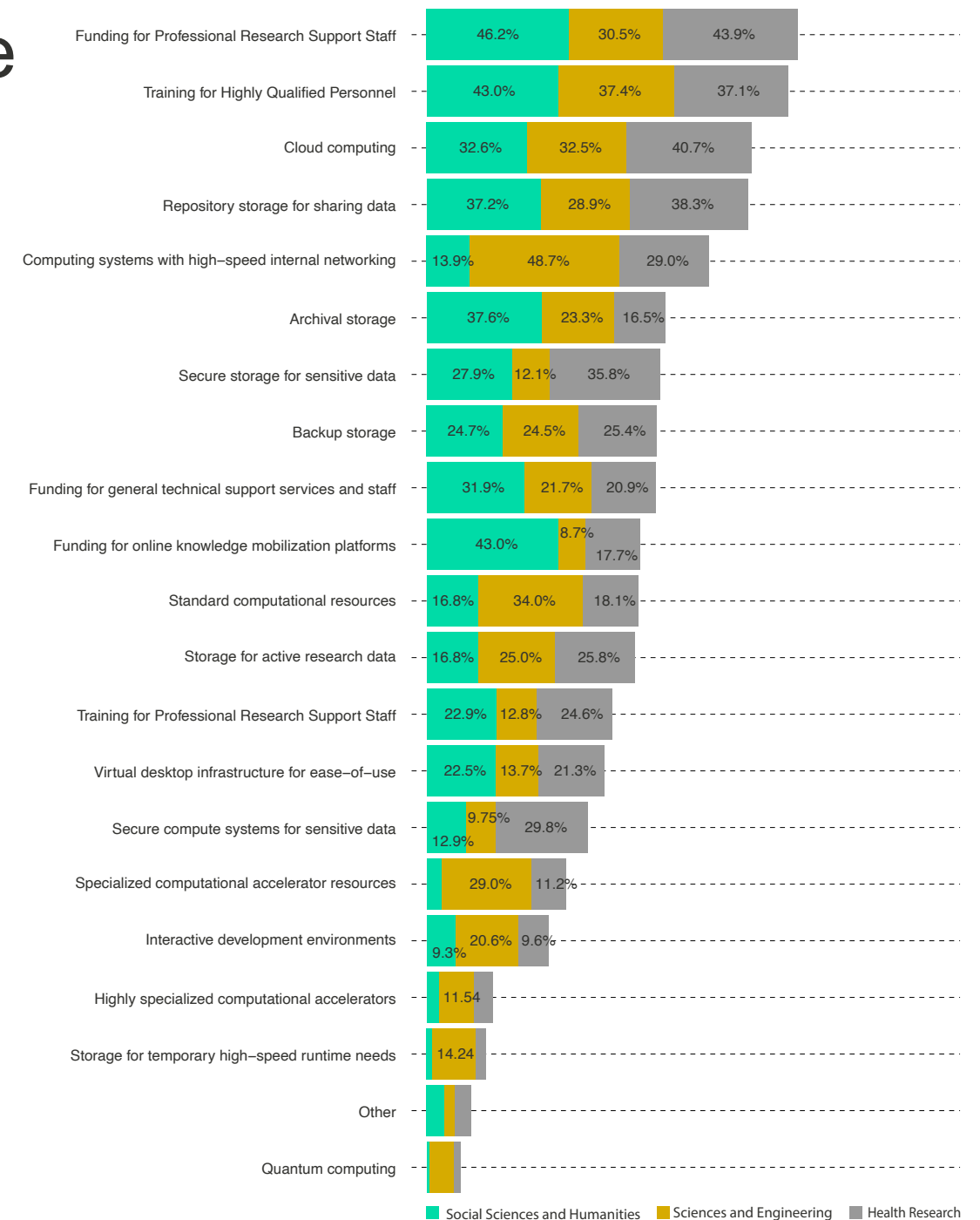
# How satisfied are researchers with the current DRI?



- **Training:** Additional personnel are needed to help researchers make use of DRI.
- **Support:** Professional Support Staff are equally important component of DRI as physical infrastructure, if not more so.
- **Storage:** There is a growing demand for more and faster support. Improved file management systems could also alleviate storage issues in national platforms.
- **Funding:** Current processes to access funding are cumbersome and time consuming. Eligibility of expenses is not consistent across disciplines.
- **Computing:** There is an increasing demand for CPU and GPU computing and secure environments for the analysis of sensitive data. For some disciplines, there is need for better workflows and customized and integrated software.

# What should the Alliance prioritize to respond to researcher needs?

*“I do not want to be a software developer or system administrator. We just want to do research and not wait for over 8 weeks for access.”*



# New Service Delivery Model (NSDM)

New Service Delivery Model



- Guide the coordination and delivery of DRI Services
- Ensure alignment across DRI ecosystem partners
- Effectively respond to the needs and opportunities within the Canadian research community

# Deliverable 2: Service Layer Definitions



## National Service Offering

Service offerings that have been vetted by the national DRI governance structures and fulfil specific criteria (listed on a coming slide).

National services are coordinated, and majority funded by the Alliance Inc. to ensure a core/essential level of DRI service provision, standard service delivery, and a consistent experience for all end-users, AND are available to end-users regardless of discipline, geography, or institutional affiliation.

## Regional Service Offering

Service offerings that are majority funded, coordinated and managed by a Regional Organization, and are tailored to regional circumstances, both in type of service and end-user eligibility, AND

Their geographic distribution allows for increased proximity between the service provider and end-users.

## Local Service Offering

Service offerings that are funded, owned, and provided by an institution. These are driven by the needs of the institution, delivered using the institution's service assets, and are typically restricted to end-users at that institution.



# Overview of Framework

**1** Is it DRI?



**2** Is it National, Regional, or Local?



**3** What are the conditions and expectations that result?

# Assessment Criteria

What are the minimum and necessary set of questions to ask about a service in order to classify it?



## 1. **Strategy**

*Whose strategy does the service reflect?*

## 1. **Ownership**

*Who owns the service? Whose structures govern the service?*

## 1. **Audience**

*Who is it built for? Who can access it?*

## 1. **Dependency**

*Does the service rely on something at a lower layer?*



# Examples of services to be classified:



Thank you

