26th Annual General Meeting

Technical Support: **613.996.2114** | **canarieit@canarie.ca**

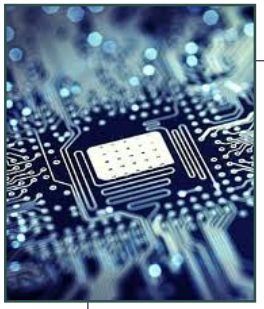
Report of the Board of Directors

Chris Lumb | Board Chair

CANARIE Annual General Meeting | September 12, 2018

CANARIE

Accelerates Canadian innovation through enabling research in both the public and private sectors



Drives the adoption of transformative technologies among our stakeholder communities

Supports the development of a vibrant knowledge economy that benefits all Canadians

Budget 2018: Science and DRI Take Centre Stage

New funding for research:

- Additional $925M to granting councils
- $275M for international, high-risk, multidisciplinary research

New funding for Digital Research Infrastructure (DRI)

- $572.5M funding for DRI over five years
- Commitment to $52M annual investment

CANARIE's View of the DRI Ecosystem

> is researcher-centric.

CANARIE's View of the DRI Ecosystem

> respects multi-jurisdictional nature of ecosystem.

Federal

Shared Services Canada's Information Technology Infrastructure Roundtable

Provincial

NREN Governance Committee

Institutional

CIO Advisory Committee

CANARIE's View of the DRI Ecosystem

> ensures Canada's researchers are globally connected.

- NREN CEO Forum
- Global Lambda Infrastructure Facility (GLIF)
- Global Network Architecture (GNA)
- GNA Policy & Strategy Working Group
- Global Financial Benchmarking Working Group
- Global NREN PR Group
- Global eduroam Governance Committee

Key Initiatives - FY18

- National Research and Education Network
  - New NREN connections to colleges, universities and hospitals; evolve network infrastructure
  - Launch of Global Exchange Point for R&E in Montreal - MOXY
- Research Software
  - Funding for adaptable platforms
  - Research Software Developers Survey
  - Research Software Developers Workshop
- Research Data Management
  - Research Data Management Consultation
  - Research Data Management Call for Proposals
- Security
  - Joint Security Project
  - NREN Security Project
- CANARIE Membership
  - Free Splunk training and certification for CANARIE members
- DAIR Program
  - Addition of catalogue of free software packages and training materials
- Development of mandate renewal proposal (2020-2025)
  - Community engagement throughout process

Policy directions in FY18

> Board-approved policies and actions:

- Statement of Investment Policy and Strategy
- Whistleblower Policy
- Diversity Policy
- Delegation of Authority Policy
- Funding for program calls
- Funding for network projects
- Operating budgets
- Compliance documents: Annual Report and Business Plan
- Financial statements
- Appointment of auditor
- New members
- Officers of the Board
- The option of consolidation as the outcome of the LCDRI

Our sincere thanks to

- CANARIE members
- CANARIE Board members
- CANARIE staff

canarie

canarie.ca | @canarie_inc

President's Report

Jim Ghadbane | President and CEO

CANARIE Annual General Meeting | September 12, 2018

Research,
Collaboration,
Innovation.

Anytime.

canarie

Theme of 2015 – 2020 Mandate

Strengthening Canada's Digital Research Infrastructure (DRI) Ecosystem

Our stated goals for this year:

- Further alignment of digital research infrastructure ecosystem
- Evolution of Research Software program
- Launch of Research Data Management program
- Ongoing collaboration with national and international partners
- Evolving services to meet stakeholder needs

Alignment of DRI ecosystem

- Working with members of the **Leadership Council for Digital Research Infrastructure** (**LCDRI)** and other stakeholders to gain consensus on evolution of DRI ecosystem
- Ongoing support for **Research Data Canada**, working towards a Canadian research data management ecosystem that is aligned with global standards

Evolution of Research Software Program

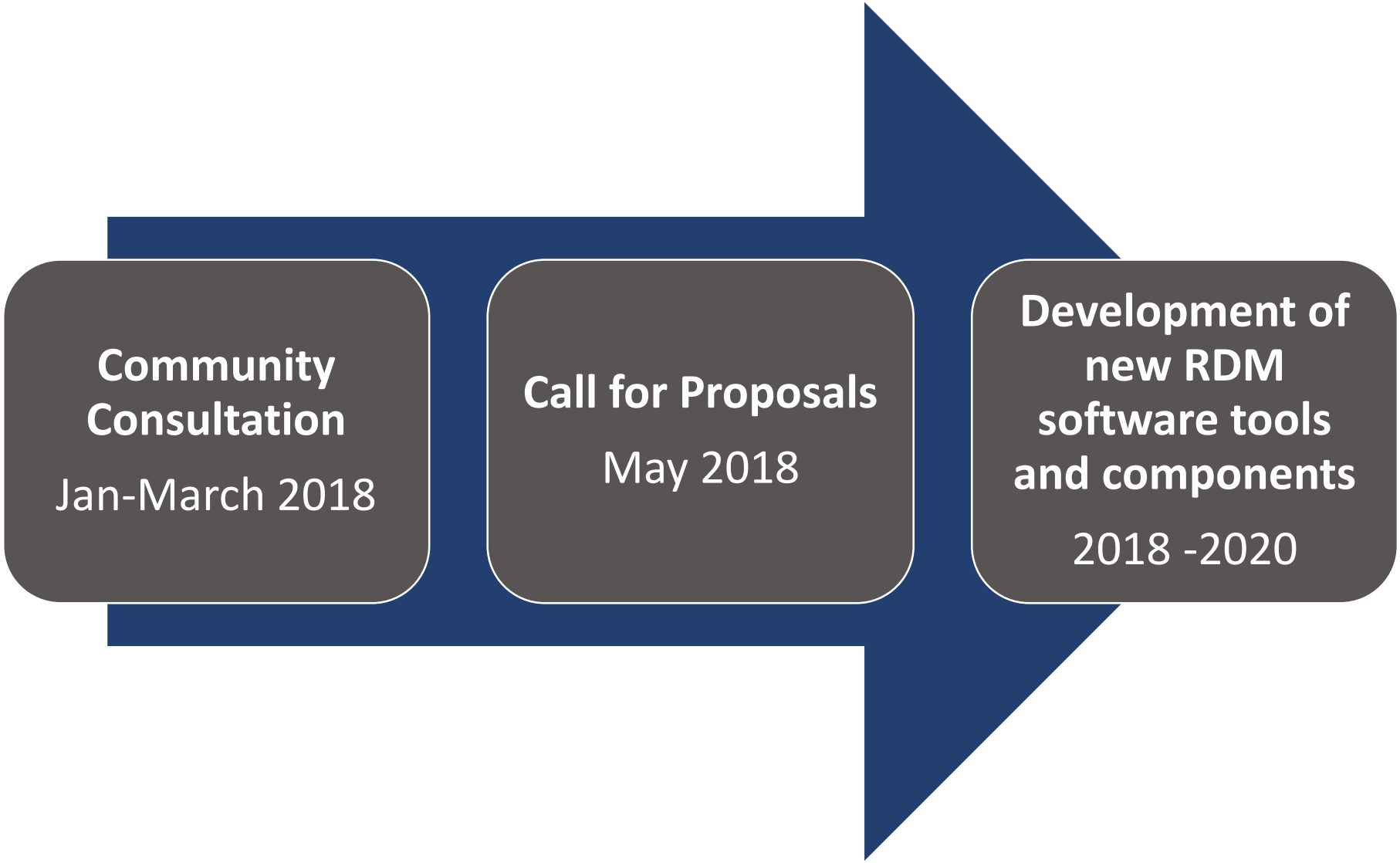
Funding to adapt existing research platforms to support new research team

Research Software Developers' Workshop

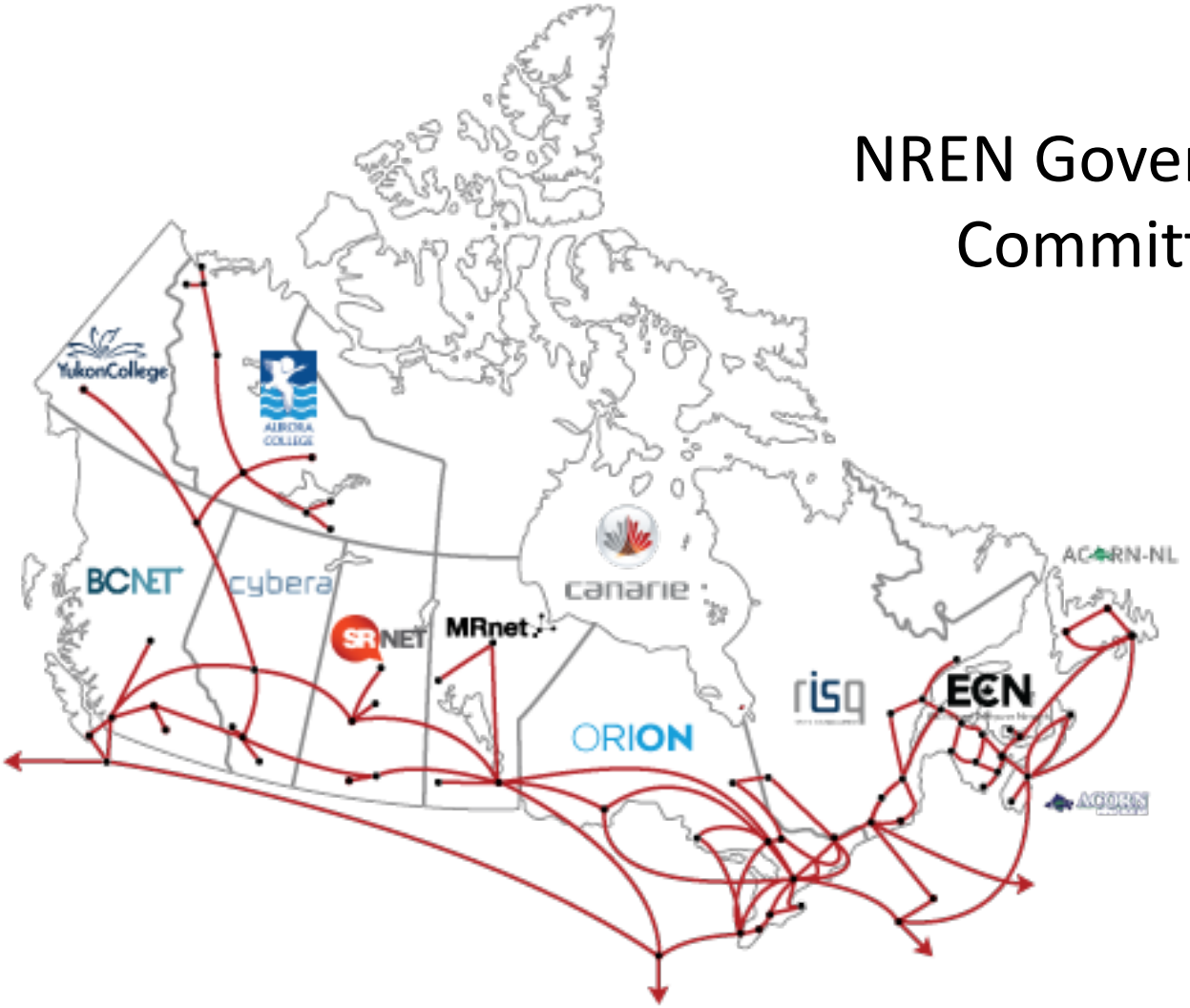
Research Software Developers' Survey

70 reusable software tools at science.canarie.ca

Launch of Research Data Management Program



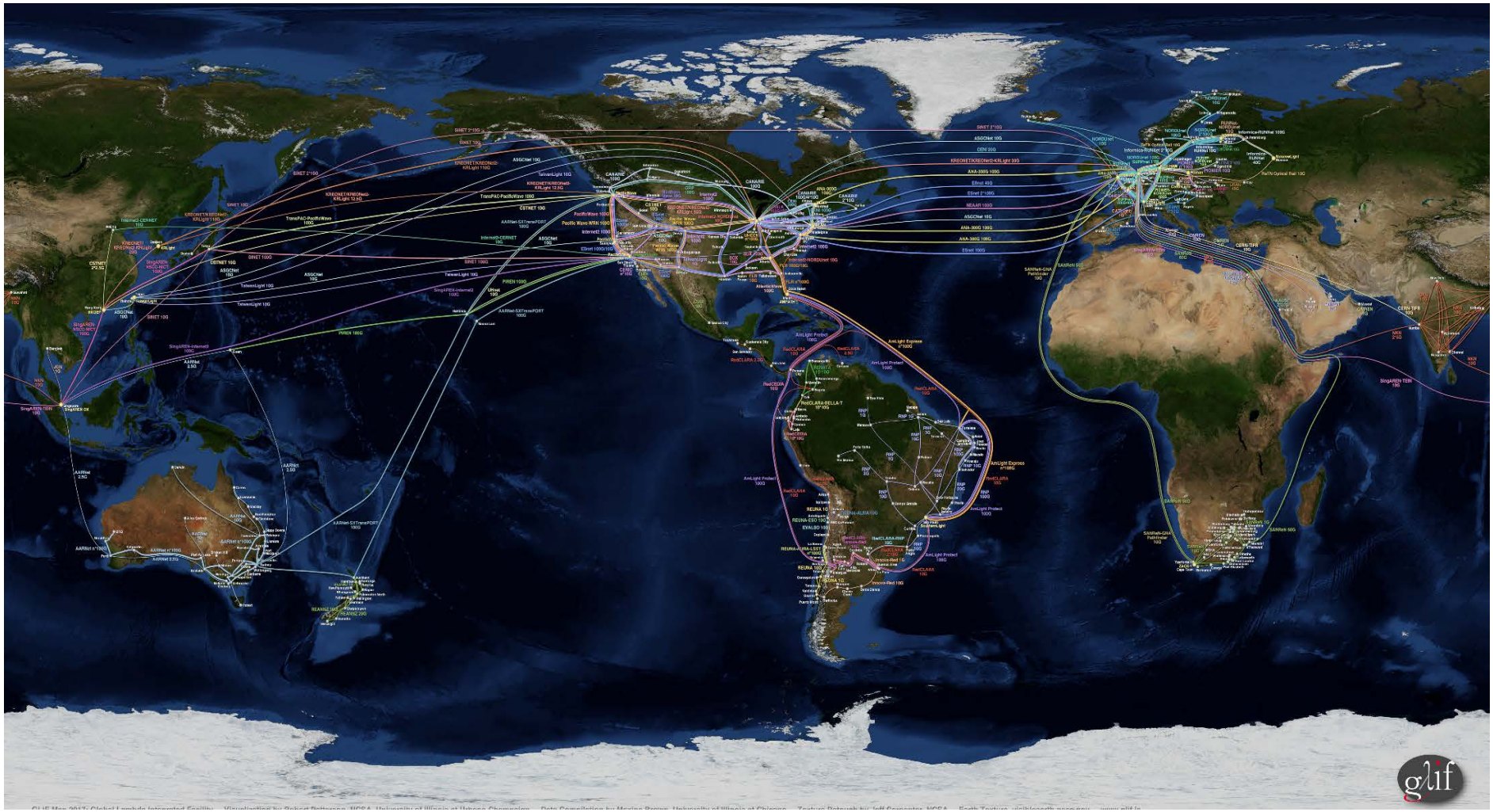
Collaboration with National and International Partners to Deliver World-Class DRI



NREN Governance Committee

Collaboration with National and International Partners to Deliver World-Class DRI

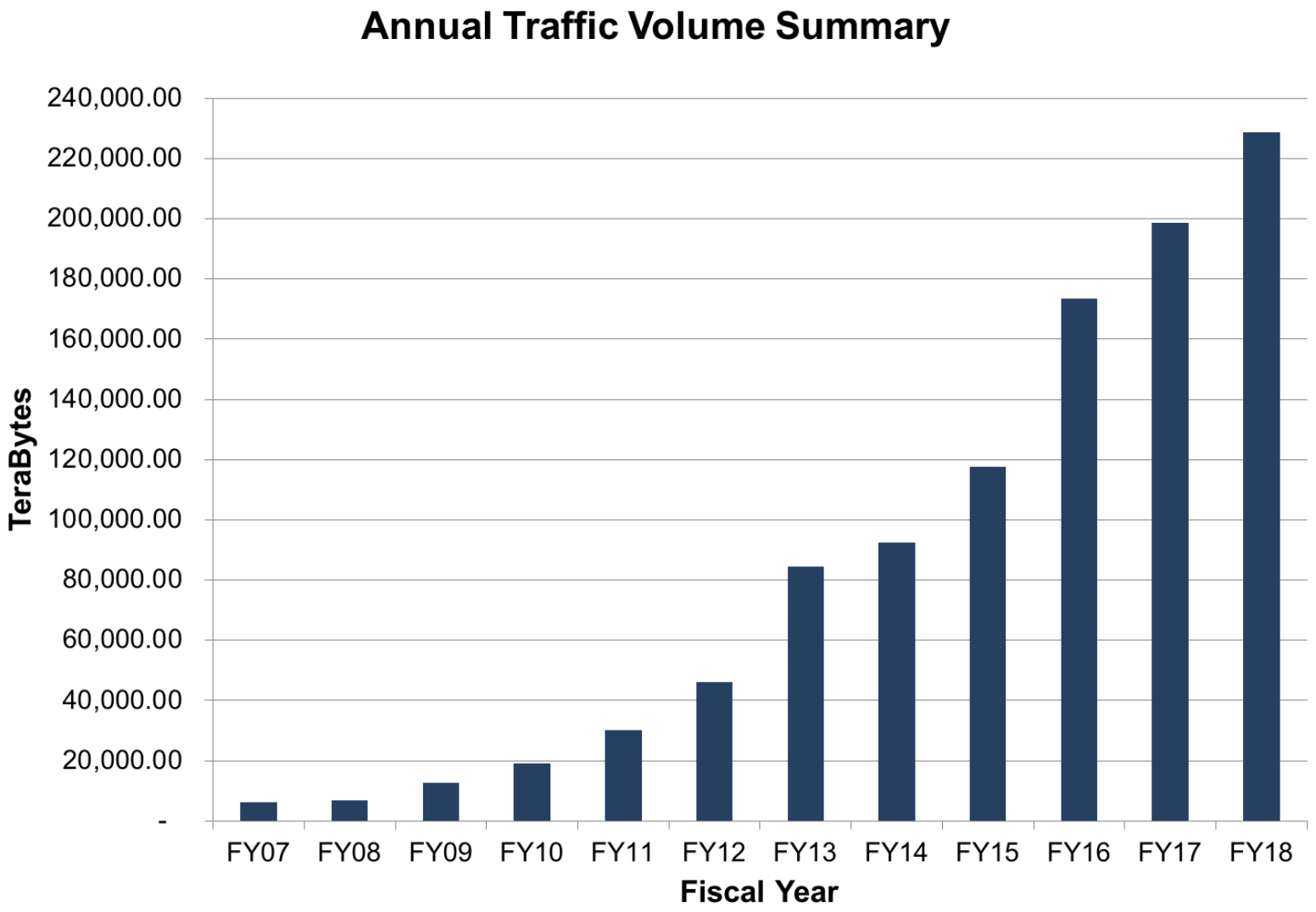
NREN CEO Forum



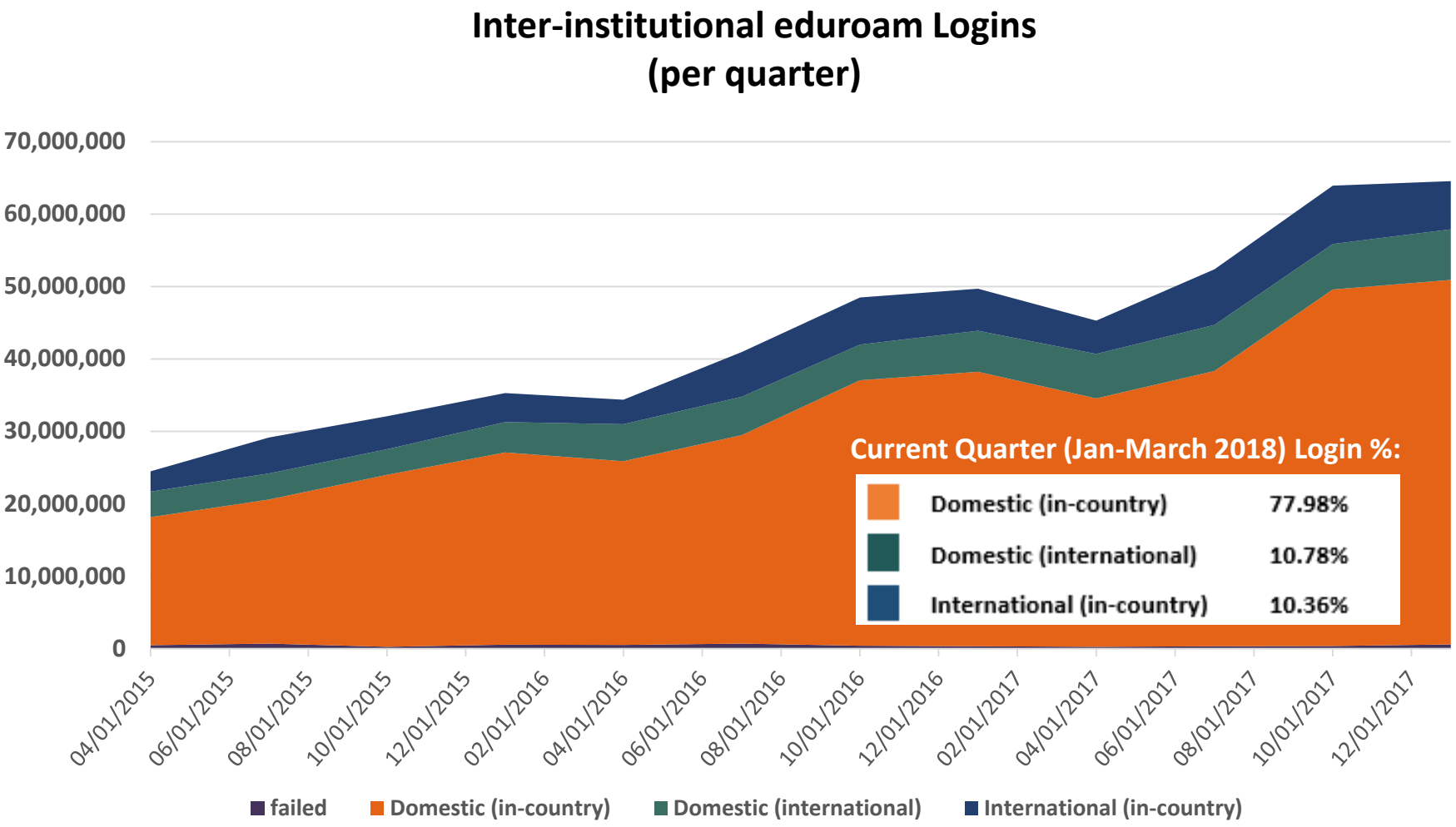
Collaboration with National and International Partners to Deliver World-Class DRI

Evolving Services to Meet Stakeholder Needs

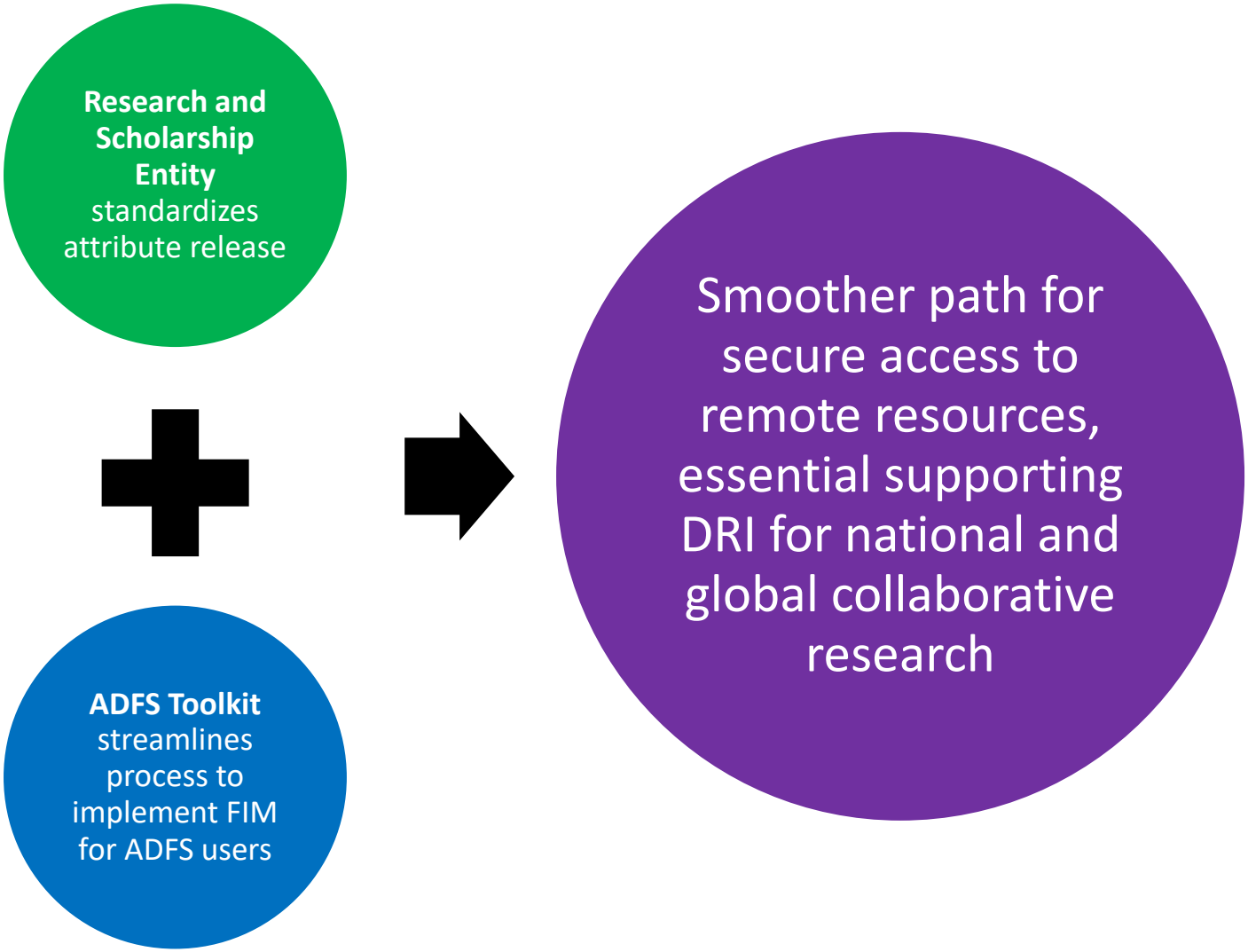
CANARIE Network



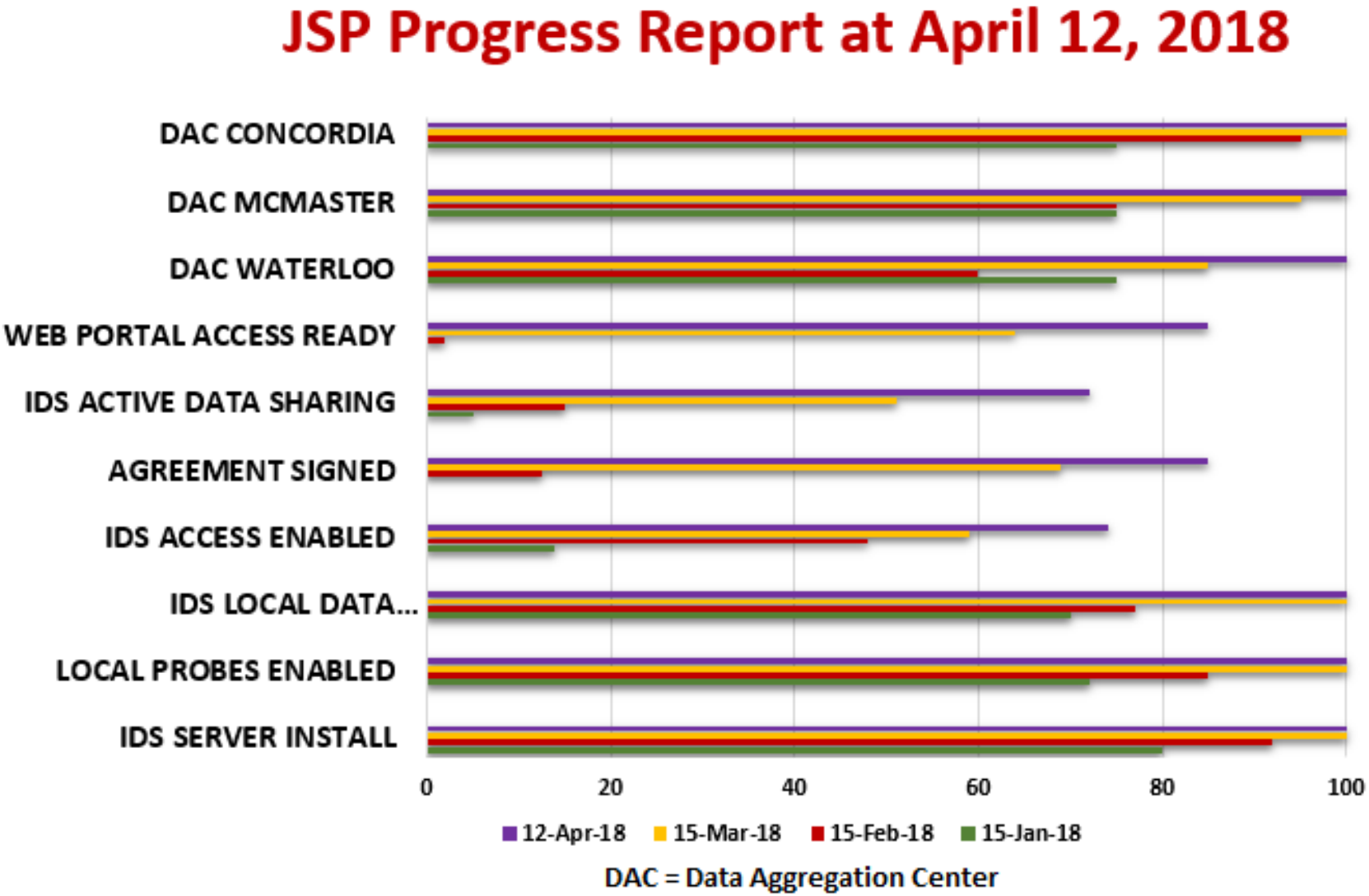
eduroam


Inter-institutional eduroam Logins
(per quarter)
70,000,000
60,000,000
50,000,000
40,000,000
30,000,000
20,000,000
10,000,000
0
04/01/2015
06/01/2015
08/01/2015
10/01/2015
12/01/2015
02/01/2016
04/01/2016
06/01/2016
08/01/2016
10/01/2016
12/01/2016
02/01/2017
04/01/2017
06/01/2017
08/01/2017
10/01/2017
12/01/2017
Current Quarter (Jan-March 2018) Login %:
Domestic (in-country) 77.98%
Domestic (international) 10.78%
International (in-country) 10.36%
failed
Domestic (in-country)
Domestic (international)
International (in-country)

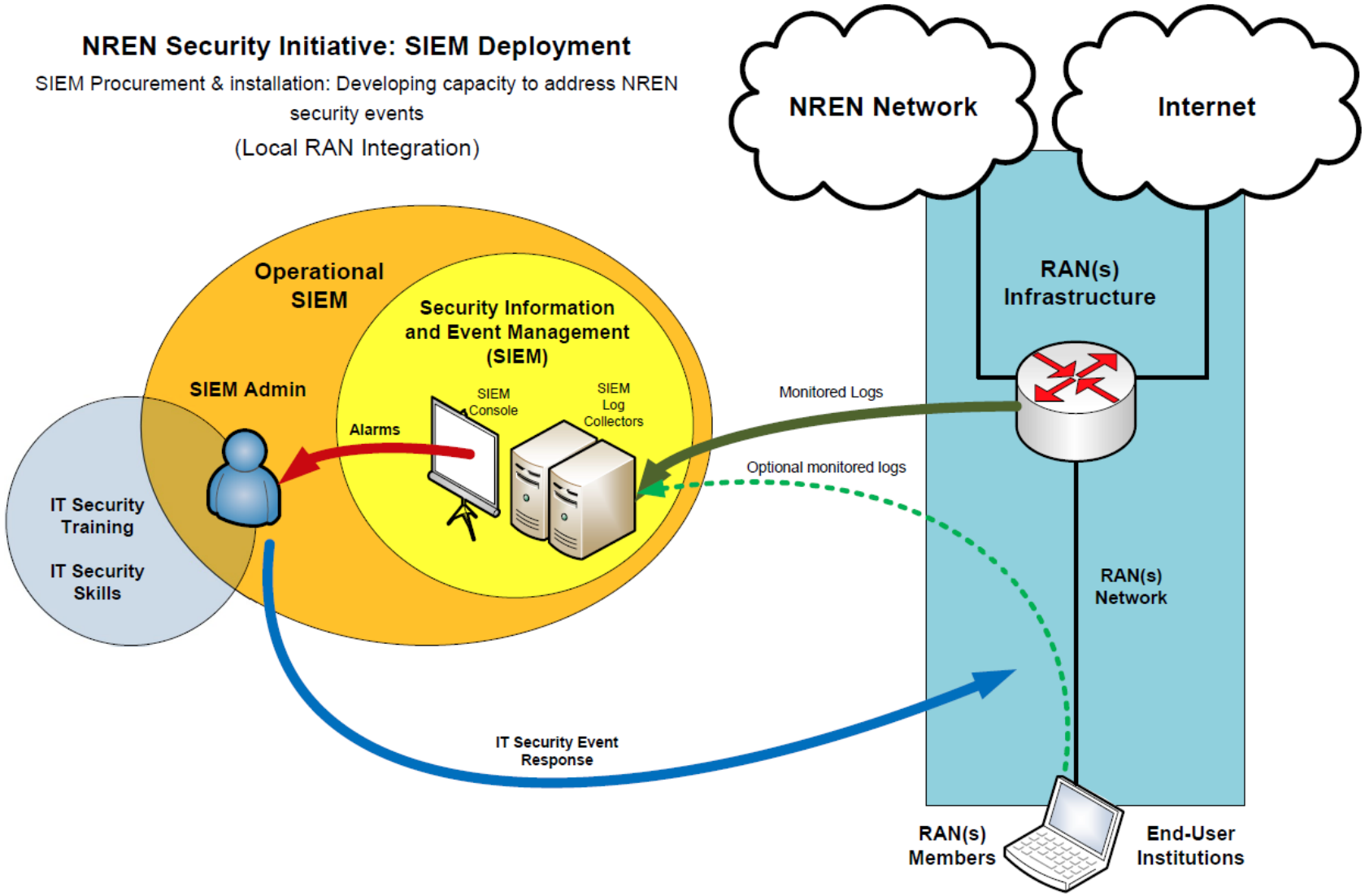
Federated Identity Management (FIM)



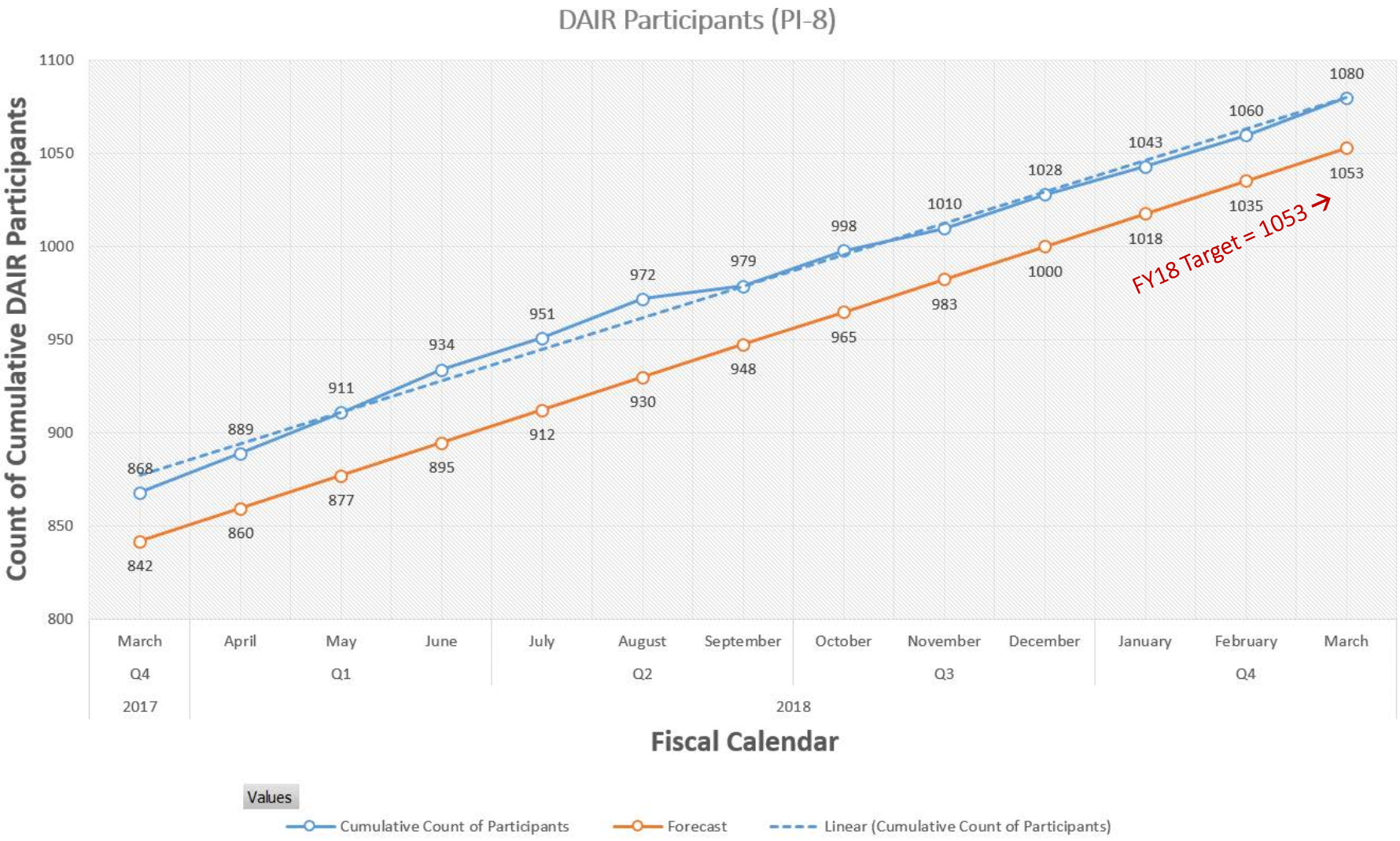
Joint Security Project (JSP)



NREN SIEM Deployment Project



DAIR Cloud Program



Looking Forward: Budget Commitment in 2019 for CANARIE's Next Mandate

2020

2025

Looking Forward: Supporting DRI Funding Announced in Budget 2018

CANARIE has many to thank…

> Our supportive and involved stakeholders:

- Provincial and Territorial NREN partners
- Advisory Committee members
- Global NREN partners
- Universities, colleges, and incubator/accelerators
- NSERC, SSHRC, and CIHR
- The Canada Foundation for Innovation
- Genome Canada
- Compute Canada
- The Government of Canada and notably Innovation, Science and Economic Development

On behalf of the CANARIE team, we appreciate your invaluable support as we work together to strengthen Canada's digital research infrastructure to benefit all Canadians.

canarie

canarie.ca | @canarie_inc

Approval of Minutes

MOTION

To approve the minutes of the 2017 Annual General Meeting.

Financial Report

Nancy Carter | Chief Financial Officer

CANARIE Annual General Meeting | September 12, 2018

The 2017-18 Fiscal Year in Brief

> 2017-2018 was the third year of CANARIE's current five year mandate

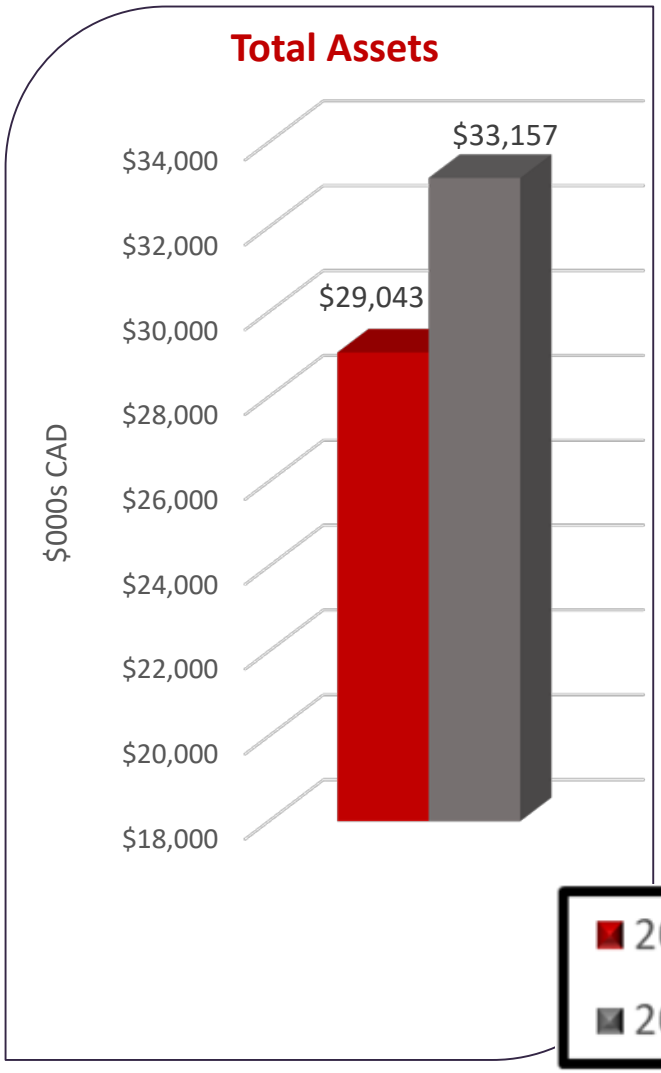
> Our Eligible Activities include:

- **Network Operations:** Providing an internationally competitive ultra-high speed network for Canada's research, innovation and advanced education communities;
- **Technology Innovation:** Developing, demonstrating and implementing next generation technologies; and
- **Private Sector Innovation:** Assisting firms operating in Canada and Canadian institutions to advance innovation and commercialization of products and services to advance Canada's technology capabilities.

Statement of Operations
for the year ended March 31 (in thousands)

	2018	2017
REVENUES		
Industry Canada / ISED Funding	$21,022	$18,408
Membership	263	237
Investment Income	66	49
	$21,351	$18,694
EXPENSES		
Program	$16,701	$15,377
Operating	3,186	3,005
Joint Security Project	1,136	26
Corporate	101	34
	$21,124	$18,442
Excess of revenues over expenses	$ 227	$ 252

Statement of Financial Position
as at March 31 (in thousands)



Financial Statements - March 31, 2018

MOTION

To accept the audited financial statements of the corporation for the year ending March 31, 2018.

Appointment of Auditors for 2018-2019

BDO Canada, LLP performed the audit for the fiscal year 2017-2018.

Appointment of Auditors for 2018-2019

MOTION

To appoint BDO Canada, LLP, as auditors for the 2018-2019 fiscal year.

canarie

canarie.ca | @canarie_inc

Approval of Slate of Directors: Institutional

MOTION

To approve the slate
of Institutional nominees.

- ☐ * H. E. A. (Eddy) Campbell
  University of New Brunswick
- ☐ * K. David Castle
  University of Victoria
- ☐ * Bob Gagne
- ☐ * Bala Kathiresan
  BCNET
- ☐ * Catherine Middleton
  Ryerson University
- ☐ * Larry Rosia
  Saskatchewan Polytechnic
- ☐ * Jonathan Schaeffer
  University of Alberta

** Continuing members*

Approval of Slate of Directors: Industry

MOTION

To approve the slate of Industry nominees.

- ☐ * Gopi Chande
  TELUS
- ☐ * Moodie Cheikh
  Searidge Technologies
- ☐ * Sylvie LaPerrière
  Google
- ☐ Nathalie Le Prohon
  IBM Canada
- ☐ * Chris Lumb
  TEC Edmonton
- ☐ * Petri Lyytikainen
  Bell Canada, BCE Inc.
- ☐ John Weigelt
  Microsoft Canada

** Continuing members*

Thank you for attending our 26th Annual General Meeting.

canarie