



Monthly Update to Alliance DRI professionals | Mise à jour mensuelle pour les spécialistes de l'IRN de l'Alliance

February 17, 2022 | 17 février 2022



Digital Research
Alliance of Canada

Alliance de recherche
numérique du Canada



Welcome| Bienvenue

Nizar Ladak

Chief Executive Officer | Président-directeur général





Land acknowledgment| Reconnaissance territoriale





Agenda

1. Welcome & Opening Remarks
2. Alliance Transition into DRI Update
3. Cybersecurity Update
4. Researcher Needs Assessment Launch Update
5. Discussion
6. Closing



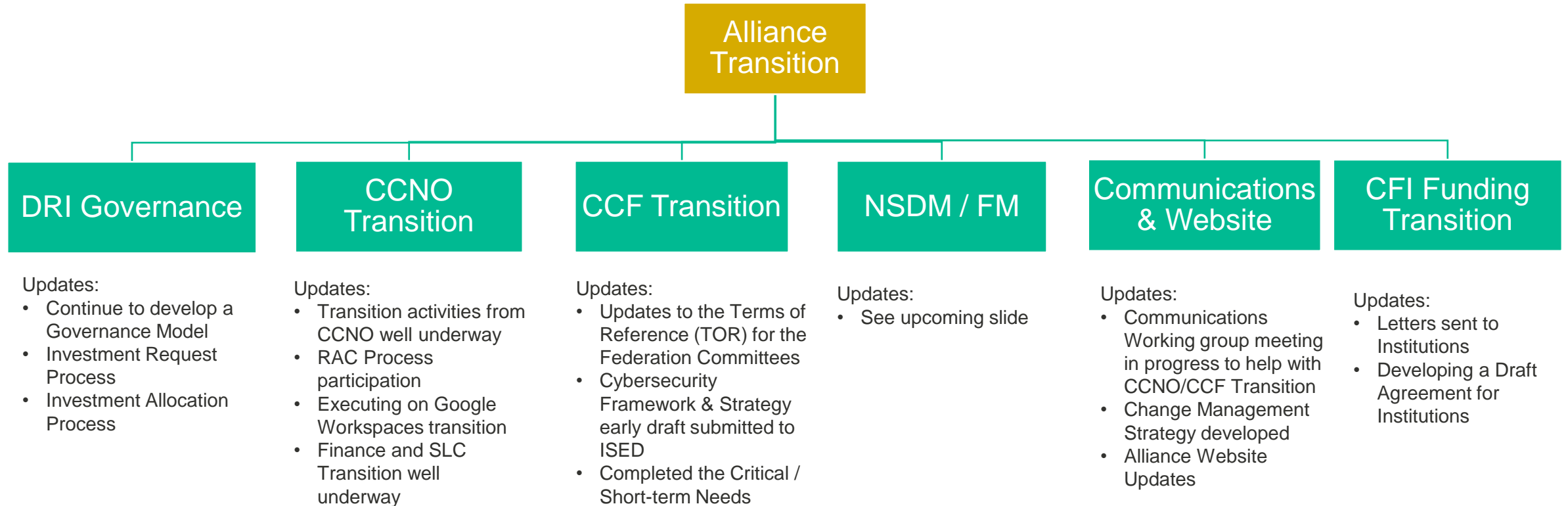


Alliance Transition into DRI

Brock Kahanyshyn, VP Operations & Security

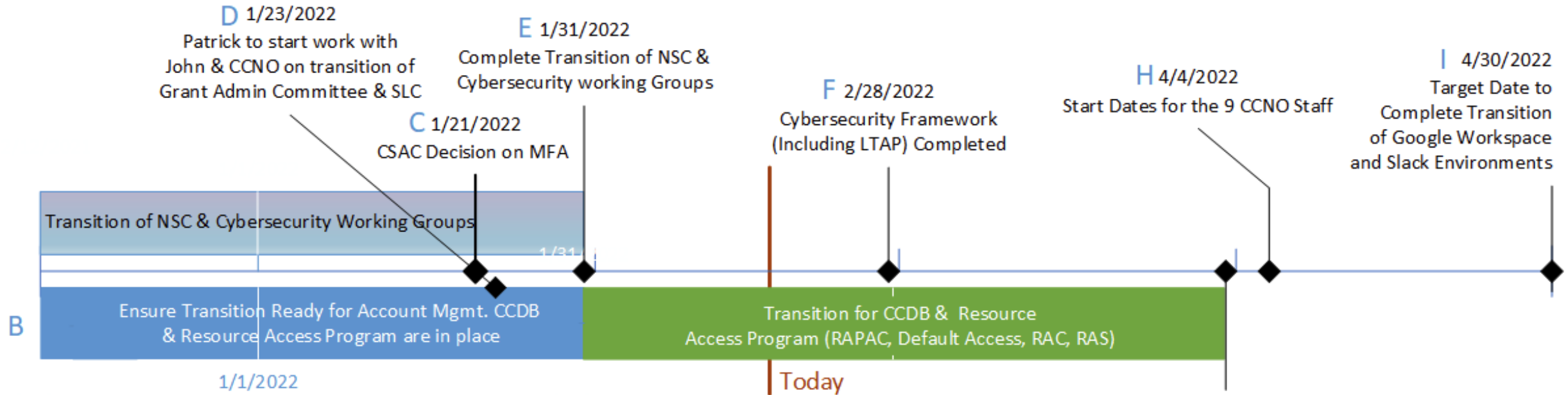
Ghilaine Roquet, VP Strategy & Planning

Alliance Transition DRI Program Updates



Key Transition Timelines for the Alliance & Compute Canada Central Office (CCNO)

From 12/15/2021 to 4/30/2022



- A**
- Transition of Operations Coordination Committees is complete, except Finance Committee and Science Leadership (SLC), both of which are in progress.
 - Transition of CCDB and Resource Access Program is underway.
 - Execution of plan to transition Google Workspace and Slack initiated.
 - Plan in motion for Compute Canada to assign domain names to the Alliance (~July 2022).
 - CSAC, NSC and Cybersecurity transition complete. We will be updating CSACTOR again.
 - Cybersecurity Framework & Strategy development underway with the NSC and Working Groups, a early draft was submitted to ISED for feedback. Masood to provide an update.
 - CSAC made decision on next steps for MFA. Bringing this forward to EMC for funding decision/ next steps.

- G** 3/31/2022
- Complete Transition of CCDB & Resource Access Program
 - Complete Transition of Science Leadership Council
 - CC Website Redirect to Alliance Website
 - Cybersecurity Framework to be submitted to ISED



National Service Delivery Model / Funding Model

Phase 1: National Service Delivery Model and Funding Model proposal to ISED on April 30th, 2022

- ▶ A collaborative review / feedback process will be followed for the development of the final version of this proposal. We will engage our national and regional partners within the EMC and our Board of Directors prior to submission to ISED.
- ▶ 2 x working groups are being formed to focus on the development of a set of criteria that is evidence-based for:
 - ▶ Criteria for existing and new services and the funding allocations from the Federal & Provincial / Institutional contributions
 - ▶ defining criteria that can be used by a service provider for eligible cost match as part of the provincial institutional contribution

Phase 2: Impact Assessment and Implementation Plan to ISED on June 30th, 2022

Phase 3: Execution of the approved plan (August 2022 – December 2027)





Cybersecurity Update

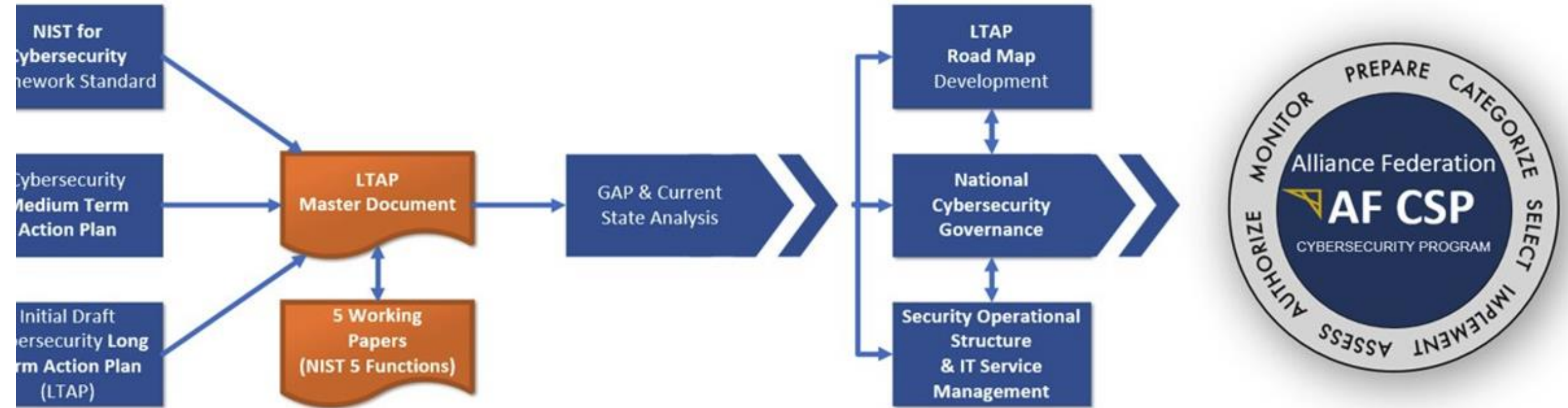
Masood Akhtar, Director, Information Security

What is MTAP & LTAP

- Under the Advanced Research Computing (ARC) Expansion Program, the five Host Sites underwent an external cybersecurity assessment in 2020 and, with Compute Canada, subsequently drafted a Medium-Term Cybersecurity Action Plan (MTAP) to respond to the recommendations of the assessment.
- MTAP is aligned to the NIST Cybersecurity Framework.
- MTAP is an agreement between Host Sites and ISED.
- MTAP includes 39 cybersecurity initiatives, which will be successfully concluded at the end of March 2022.
- The Cybersecurity Steering & Advisory Council (CSAC) and the National Security Council (NSC) were created and mandate for implementing MTAP (Medium Term Action Plan) was provided to NSC.
- LTAP (Long Term Action Plan), starts at the beginning of next Fiscal Year and will include the next phase of initiatives from the MTAP as well as new initiatives. (i.e.: MFA Pilot -> MFA Project)



Process being used for the Development of our Cybersecurity Framework / Program



- MTAP will end 31st of March 2022, as per the commitment to ISED. The next phase of activities leading from MTAP will become part of LTAP (Long Term Action Plan).
- The Alliance sees its role in Cybersecurity as: MTAP -> Joint AF & Partners Cybersecurity Framework -> LTAP -> Cybersecurity Program.
- LTAP will provide a roadmap for new initiatives and operational tasks over the next 2 - 3 years.

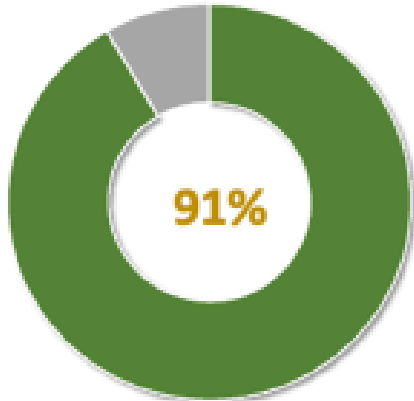




Cybersecurity Medium Term Action Plan (MTAP)

Updated: 10-Feb-22

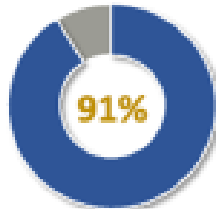
MTAP Overall



Workstreams
39
 In Progress
6
 Not Started
0
 Completed
33

CYBERSECURITY OPERATIONAL TRANSITION: MTAP

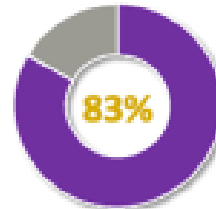
IDENTIFY



- Asset Management 100%
- Governance 90%
- Risk Management 83%

On-Track

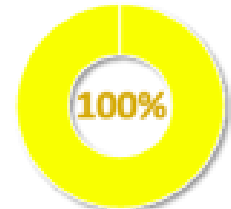
PROTECT



- Identity and Access Management 100%
- Data Security 50%
- Security Maintenance 97%
- Information Protection 70%
- Protective Technologies 100%

On-Track

DETECT



- Identifying Anomalies and Events 100%
- Continuous Security Monitoring 100%
- Security Operations 100%

Completed

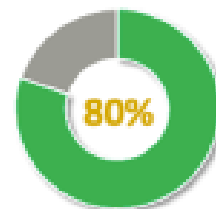
RESPOND



- Incident Management 100%
- Incident Communication 100%
- Root Cause Analysis 100%
- Mitigation 100%
- Adoption 100%

On-Track

RECOVER

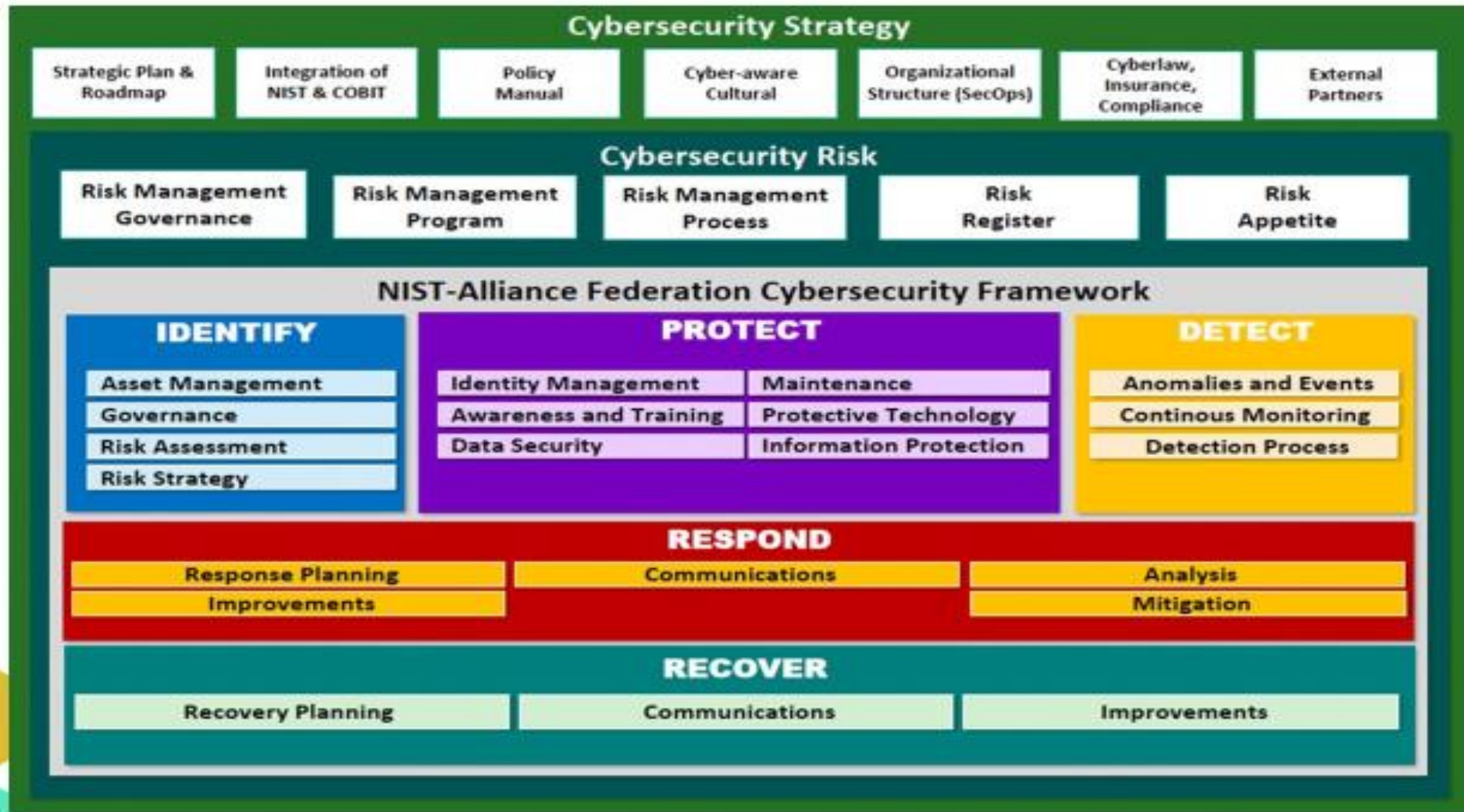


- Recovery Planning 40%
- Improvements 100%
- Communication 100%

On-Track



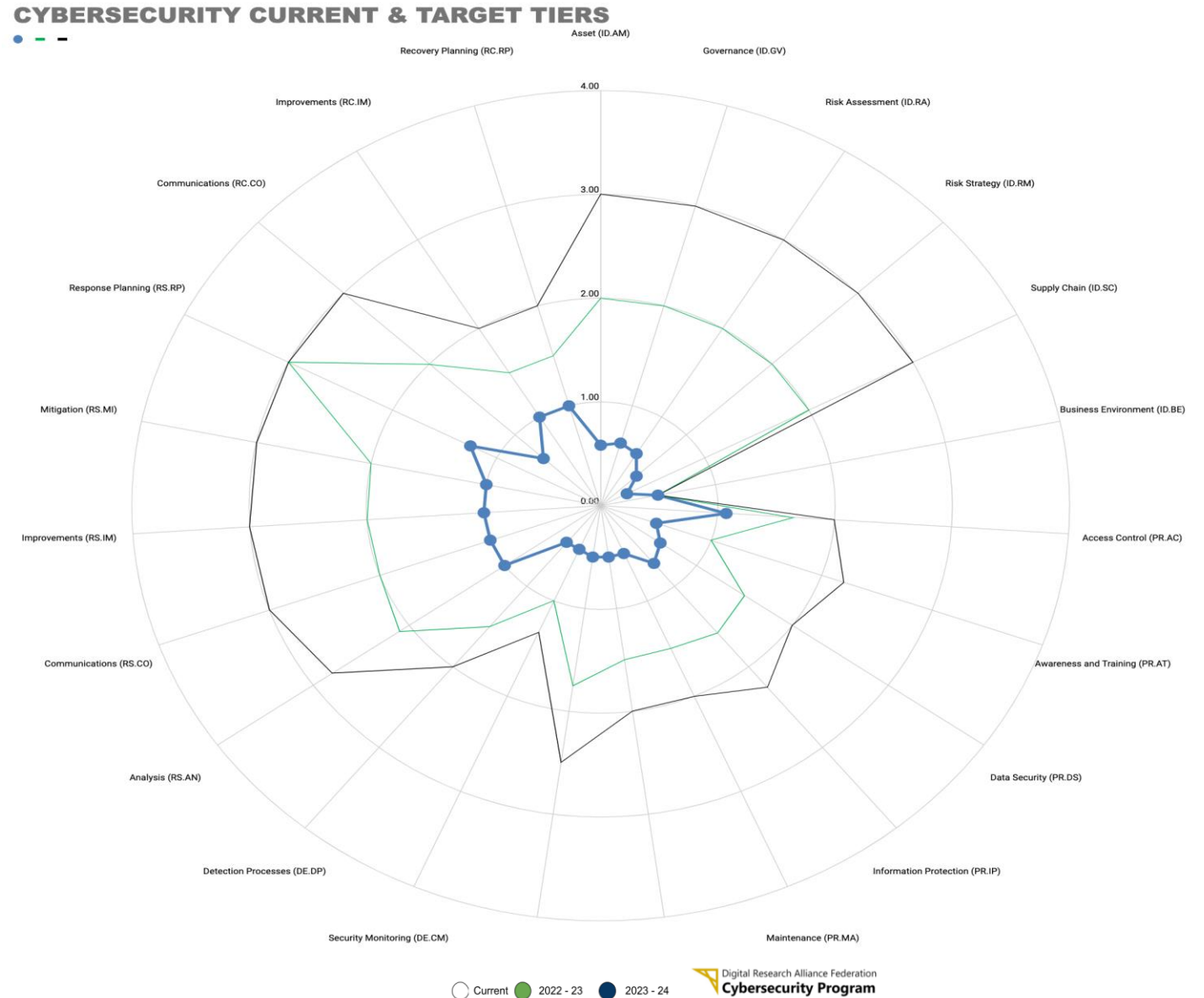
Our Cybersecurity Strategy Reference Architecture



Alliance Federation Current State & Target State by NIST Tiers

- Current State has been determined through a GAP and current state analysis completed by NSC and the Cybersecurity Working Groups.
- Roadmap is currently being developed to achieve Target State.

Please note: Target States are still being determined.





Researcher Needs Assessment Launch: Update

Felipe Pérez-Jvostov,

Senior Analyst, Community Engagement & Planning

Needs Assessment Update

- Findings from Needs Assessment reviewed and approved by all relevant stakeholders, and published!
- Feedback is welcomed and encouraged:
research_recherche@engagedri.ca





Discussion



In Closing

Nizar Ladak

Chief Executive Officer | Président-directeur général



Digital Research Alliance of Canada

Accelerating Canada's
Research Future.

Alliance de recherche numérique du Canada

Accélérer l'avenir de
la recherche au Canada.

Communications@alliancecan.ca

alliancecan.ca

