

INTERNET2

2022  
TECHNOLOGY  
exchange

# Trust and Identity Outlook 2022 and Beyond

Rob Carter, Duke University, CACTI Chair

Chris Phillips, Technical Architect, Canadian Access Federation, CACTI Co-chair

# 2022 edition of CACTI

Member	Role	Organization	Term End
Robert Carter	Chair	Duke University	2022
Christopher Phillips	Vice Chair	CANARIE, Inc.	2023
John Bradley	Member	Independent	2023
Margaret Cullen	Member	Painless Security	2022
Mike Grady	Member	Unicon	2022
Kevin Hickey	Member	University of Detroit Mercy	2023
Marina Krenz	Member	REN-ISAC	2023
Barry Johnson	Member	Clemson University	2023
Les LaCroix	Member	Carleton College	2023
Jeremy Perkins	Member	Instructure	2023
Licia Florio	Member	GÉANT	2024
Stoney Gan	Member	University of South Florida	2023
Erik Scott	Member	RENCI (Renaissance Computing Institute)	2024
Richard Frovarp	CTAB rep to CACTI	North Dakota State University	—
Ann West	Advisor	Internet2	—
Steve Zoppi	Advisor	Internet2	—
Steven Premeau	Liaison from TAC	University of Maine System	—
Nicole Roy	Flywheel	Internet2	—

- **Community Architecture Committee for Trust and Identity**
- Diverse set of community members
- Functioning as
  - Strategic architectural input to T&I
  - Creates/manage 12 community working groups
  - Assists evolving community standards.
  - Fosters relationships and participation
  - Broadly share information of relevance
  - Engages on R&E objectives



REMIT IS CLEAR



CHALLENGE IS HOW TO ORGANIZE  
DIALOGUE ABOUT T&I WITH EFFECT

# The approach



## Review

Review T&I environment  
for key issues



## Convert

Convert elephant size topic  
into organized smaller ones



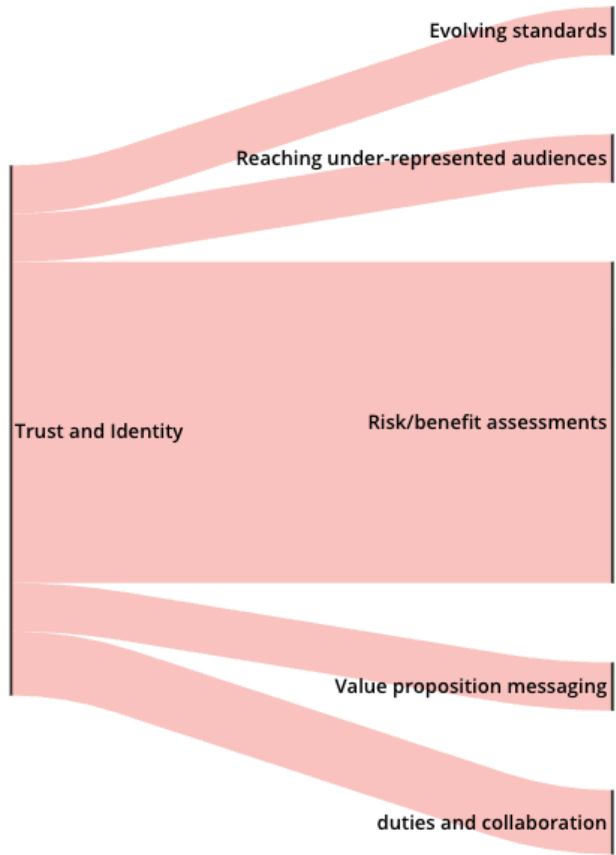
## Rank

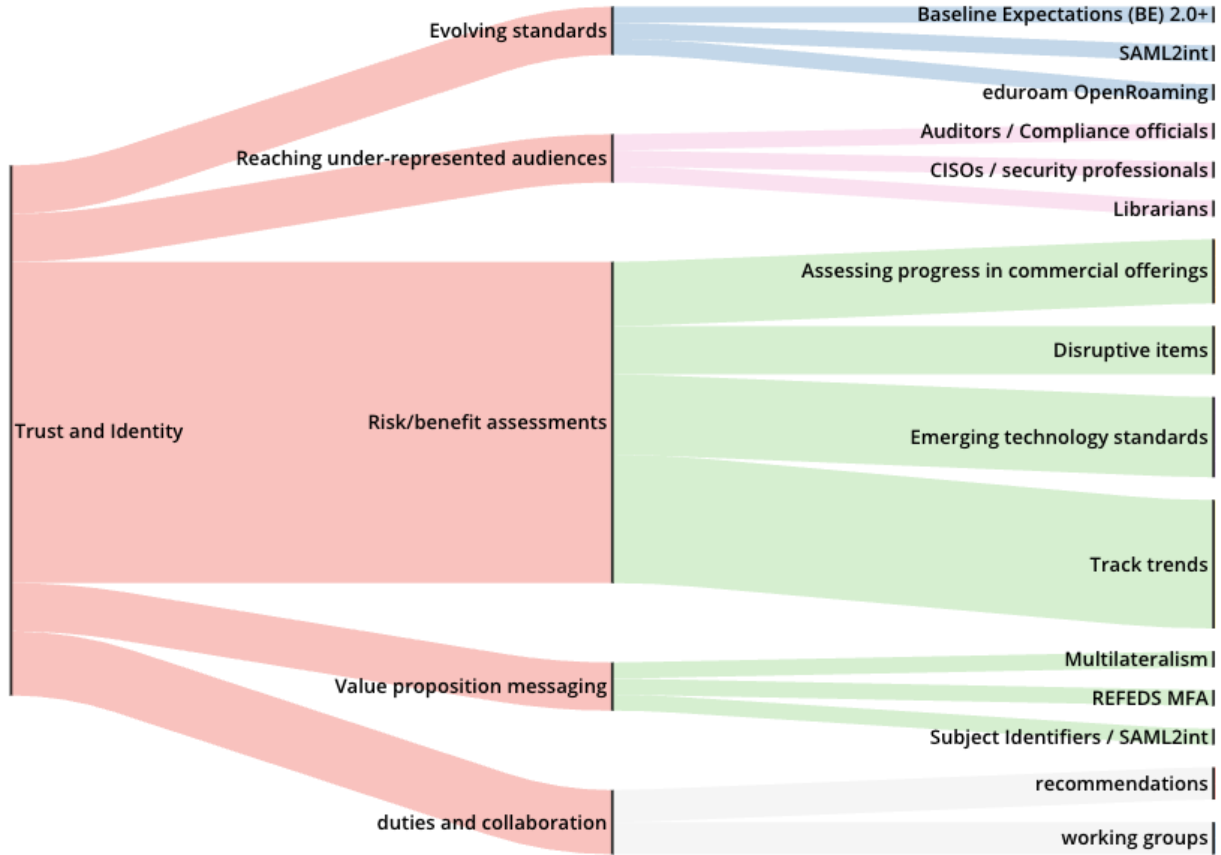
Assign relative rank for  
topic engagement

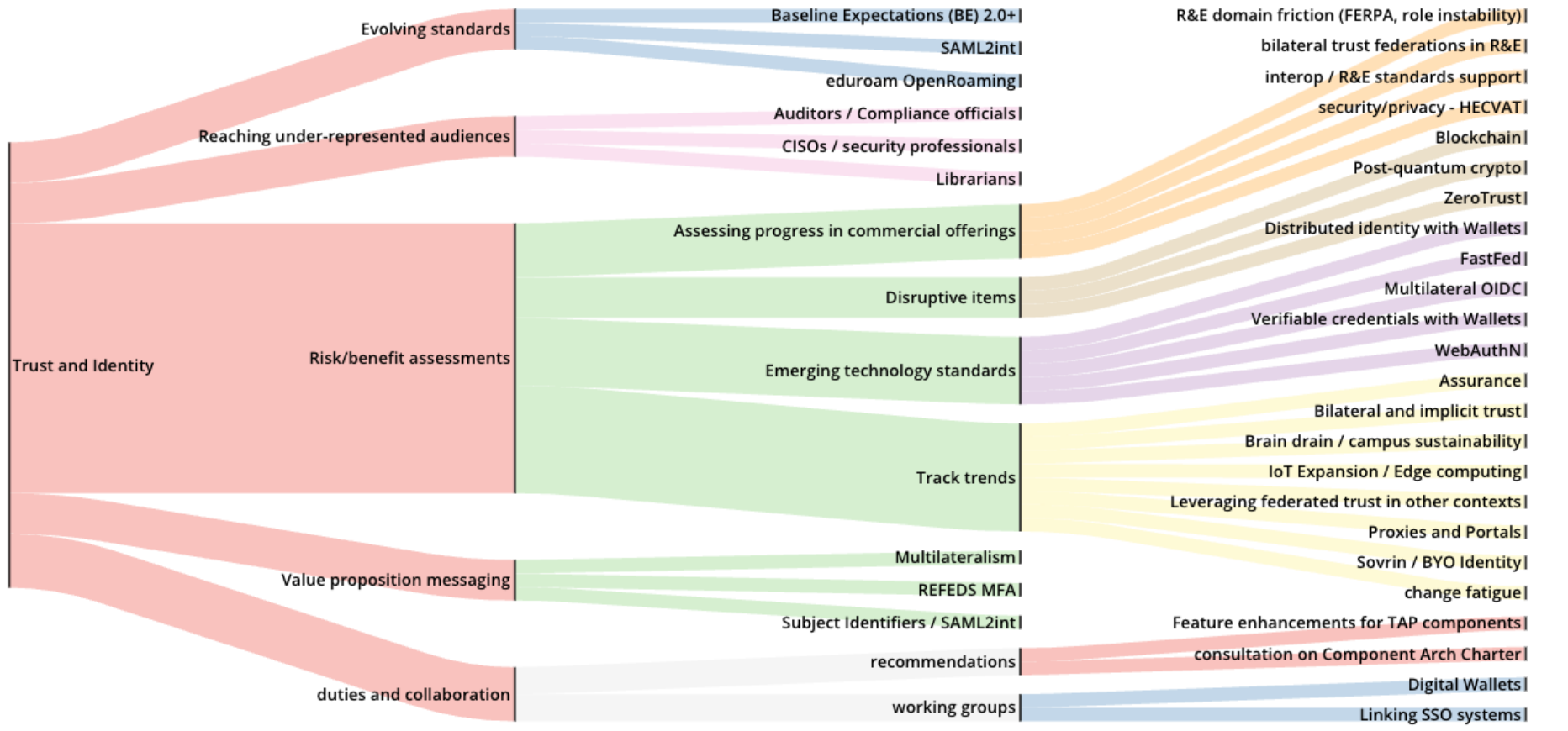


## Dive

Go deep as time permits

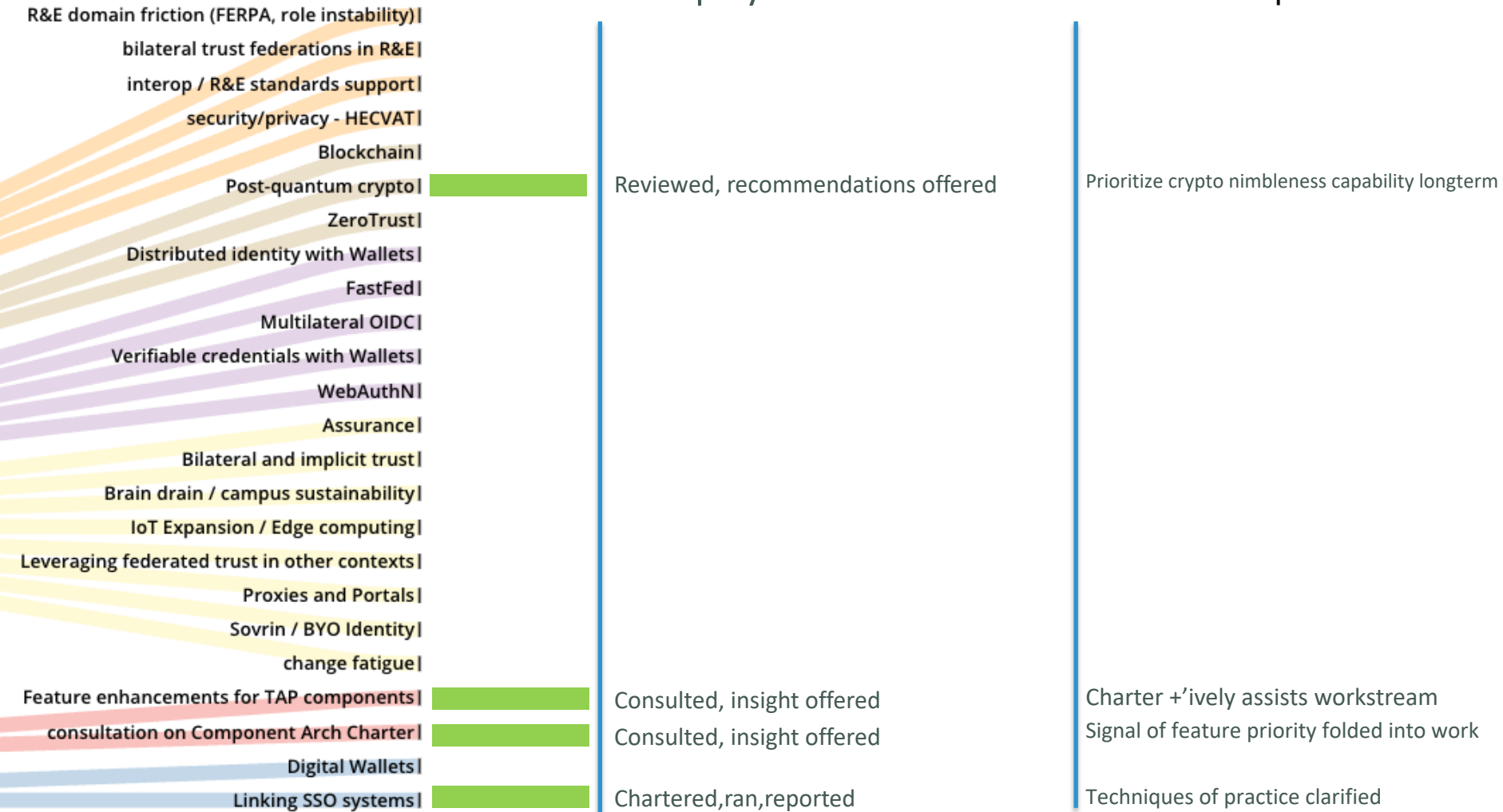






## 2022 State of play

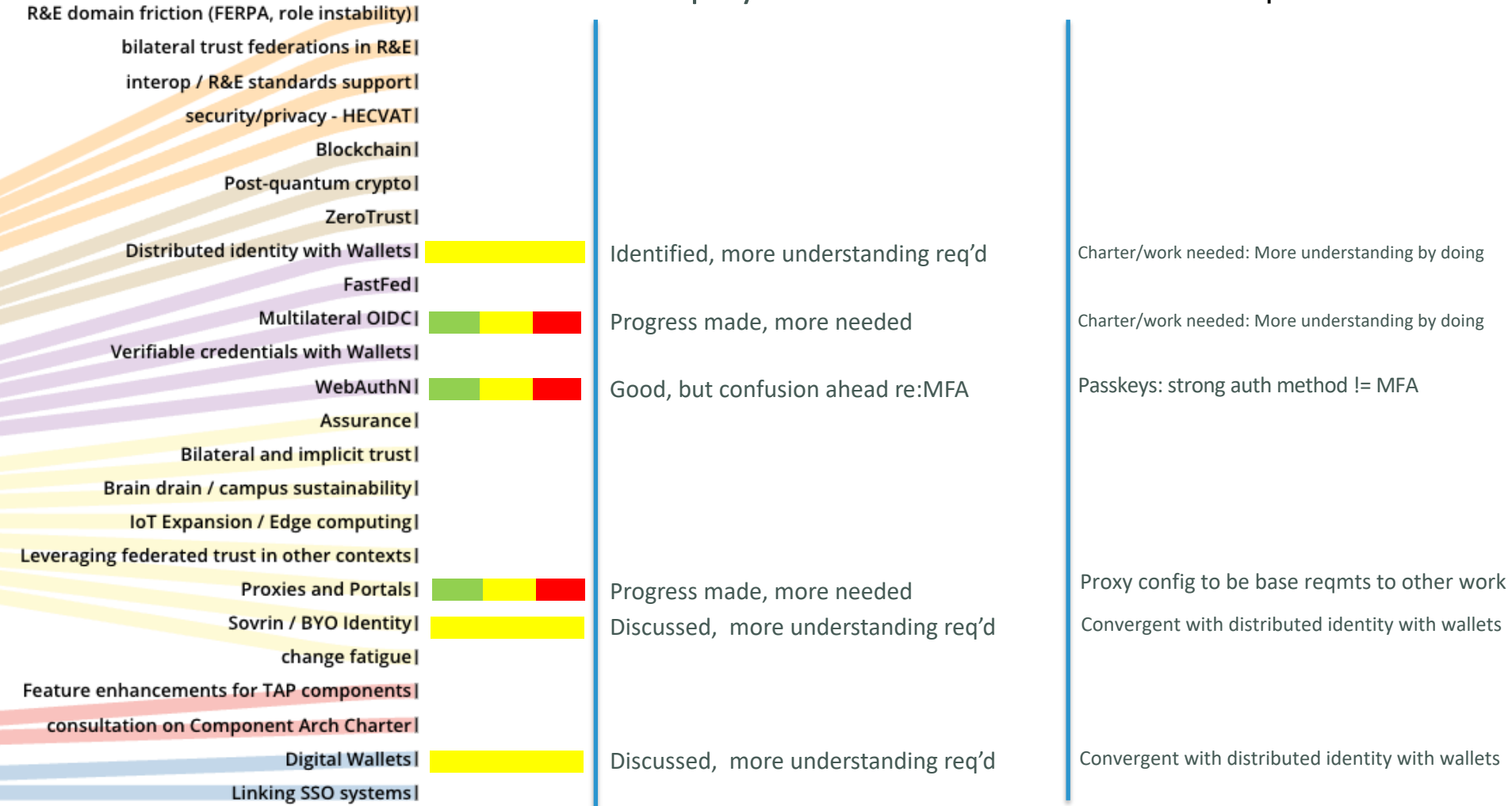
## Foreseen impact in CY2023





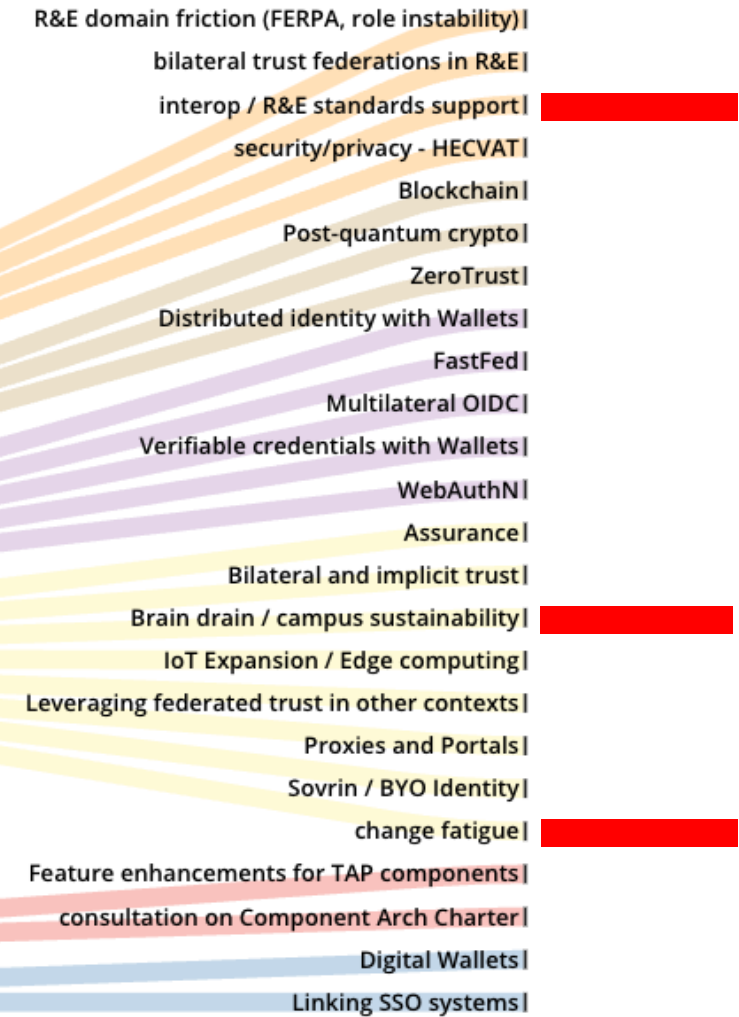
# 2022 State of play

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# 2022 State of play

# Foreseen impact in CY2023



Challenges observed, action needed

Possible breaking browser changes, 2023h2

Challenges observed, action encouraged

Is unabated amplifying cloud needs. Better sol'ns needed

Challenges observed, action encouraged

'Easier' should be feature priority in sol'ns

# ADDITIONAL OBSERVATIONS

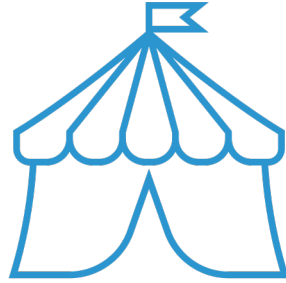




## Things are changing faster than ever

We used to be leading and driving the change

- Software/solution supply chains catching up or overtaking us
- Pivot needed to influencing our suppliers
- Adjusting how to engage and where is key



## **T&I is built on people more than things**

Easy for us to think we're the only tent to collaborate under.

R&E collaboration tent is big, but others are bigger and on the whole, good.

Tech changes shift our dependancies and our collab locations need to follow under the other 'tents'.



## **Engaging early is often less overall effort for best effect**

The closer something gets the high cost to alter trajectory or deeper the consequences.  
We have capacity to change an outcome by engaging early

## In closing . . .

- This is but one way to see T&I
- Our observations are sourced from you and input is key
- Join us December 8<sup>th</sup> for a working meeting to continue the discussion..

➤ [CACTI Working Meeting | Topic: Identity & Access Management | 12:30-1:30 p.m.](#)

The Internet2 Community Architecture Committee for Trust and Identity (CACTI) will hold an open working meeting at Internet2 Tech Exchange, for the purposes of discussing CACTI's work during the 2022 calendar year, and getting community feedback on that work and our intended future focus areas.

# APPENDIX

Additional text if needed





# 2022 State of play

# Foreseen impact in CY2023

