

SSAD ODP Project Update

Community Webinar

SSAD ODP Project Team



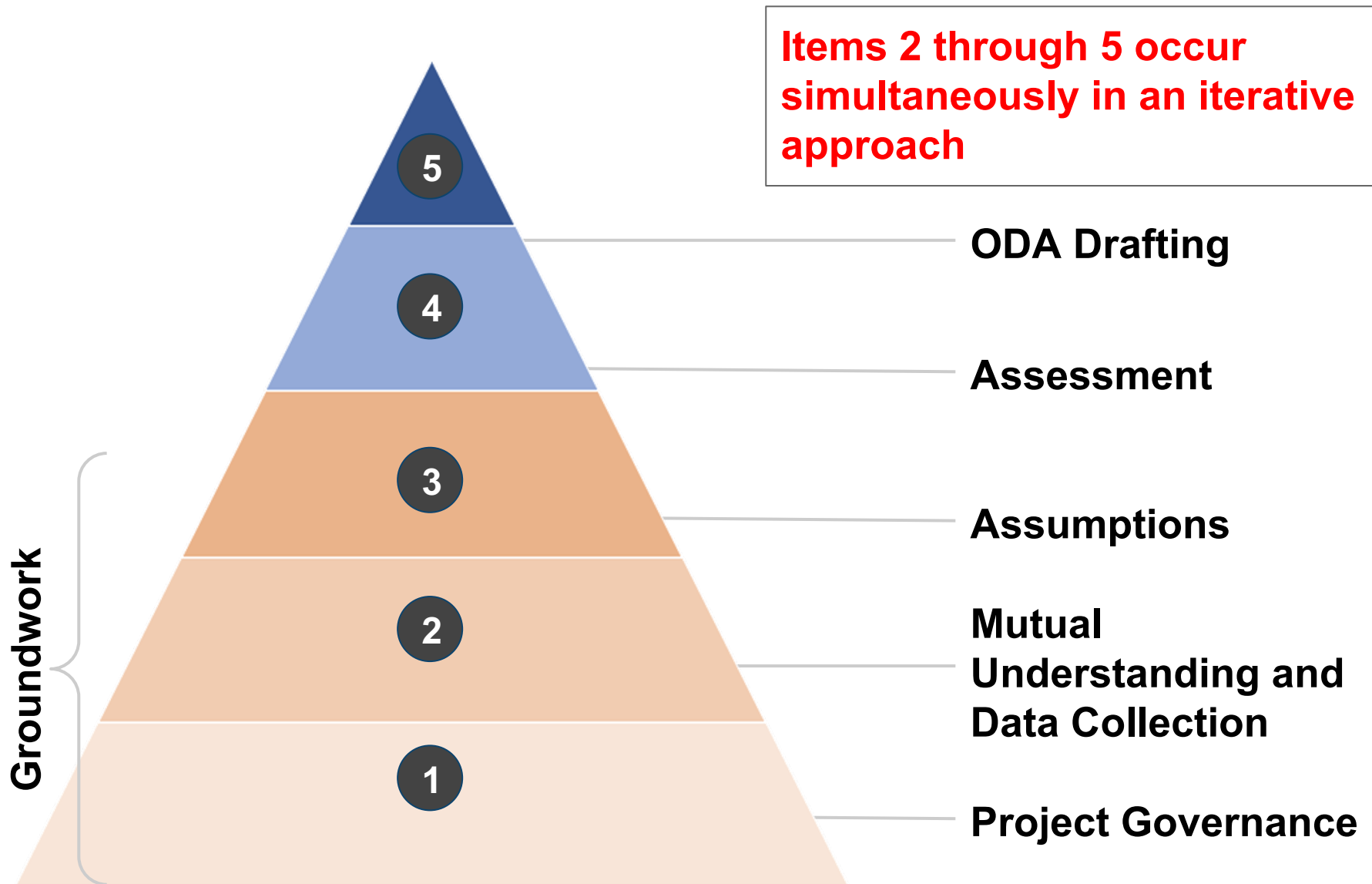
24 September 2021, 03:00 UTC / 23 September, 20:00 PDT

Agenda

- Operational Design Phase (ODP) Approach
- Data Collection Updates
 - Survey Analysis (Community, Contracted Parties, and GAC)
 - RFI Results and Summary
 - Market Research
- Progress on the Operational Design Assessment (ODA)
- Timeline and Next Steps
- Questions

ODP Approach

ODP Approach



Data Collection Updates: Community Survey Analysis

Community Survey - General Overview

When:

08 July - 06 August 2021

Purpose:

To assess from a general community perspective:

- What is the expected volume of data requests?
- How many potential users may be expected to use the System for Standardized Access/Disclosure (SSAD)?

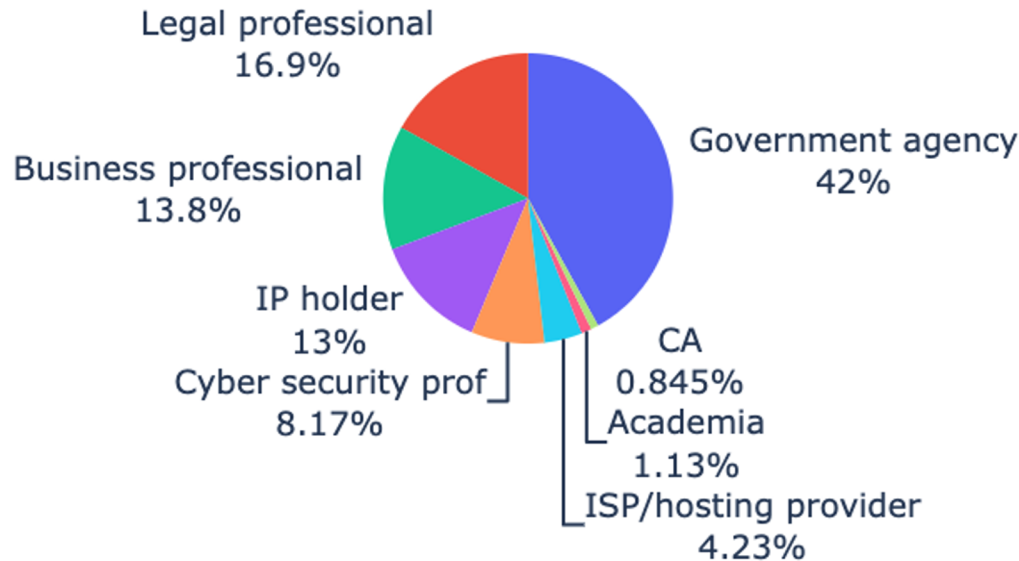
Participation:

- 399 total participants
- 355 participants completed the entire questionnaire.

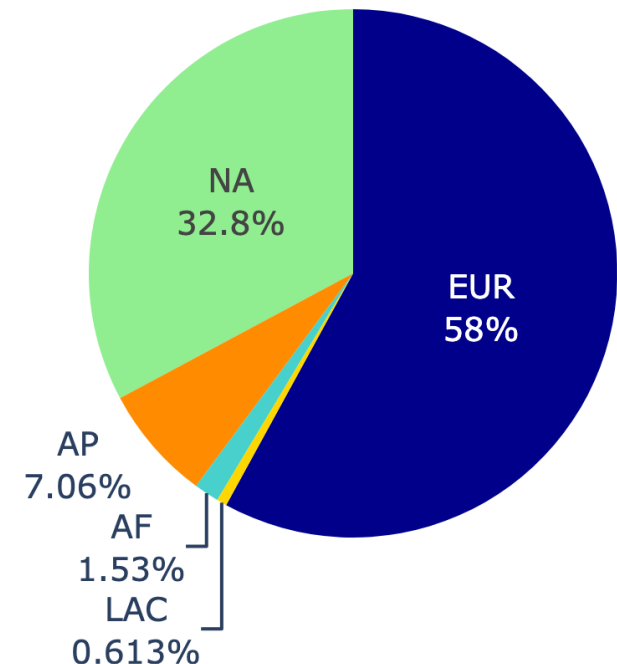
Organizational and Regional Distribution

- The largest group of participants were government agencies (42%) and legal professionals (17%).
- The majority of respondents operated in Europe (58%) and North America (33%).

Organization distribution

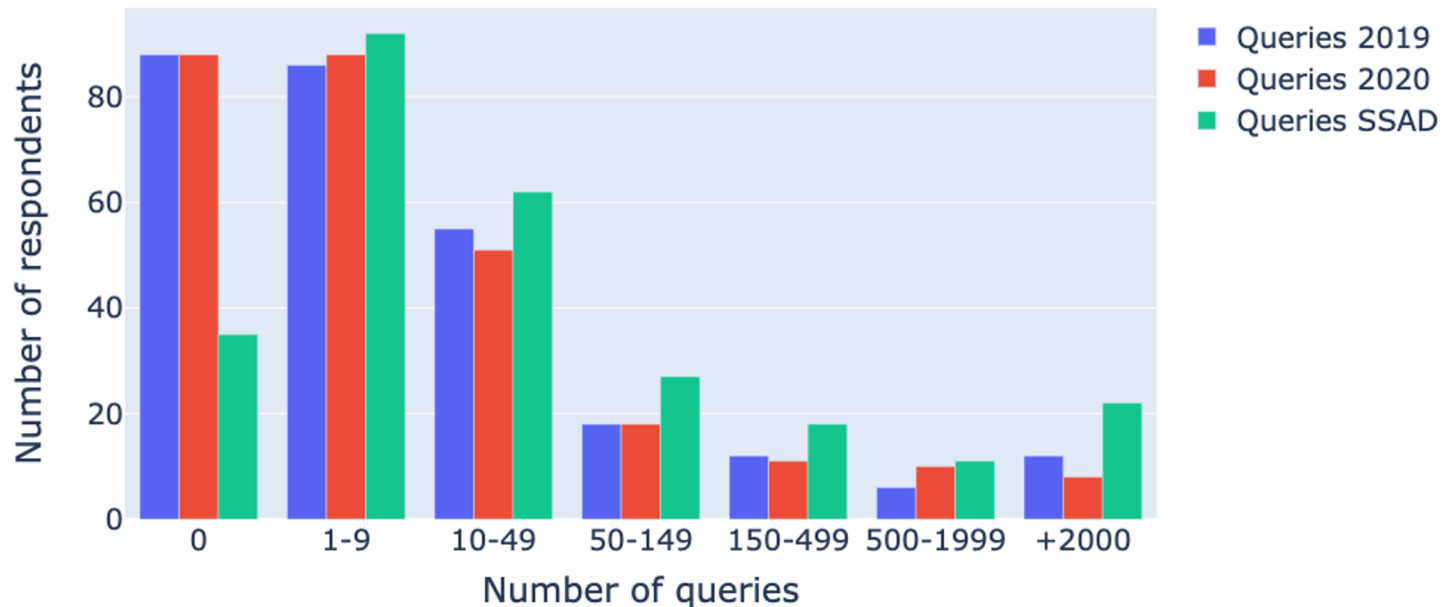


ICANN-Region distribution



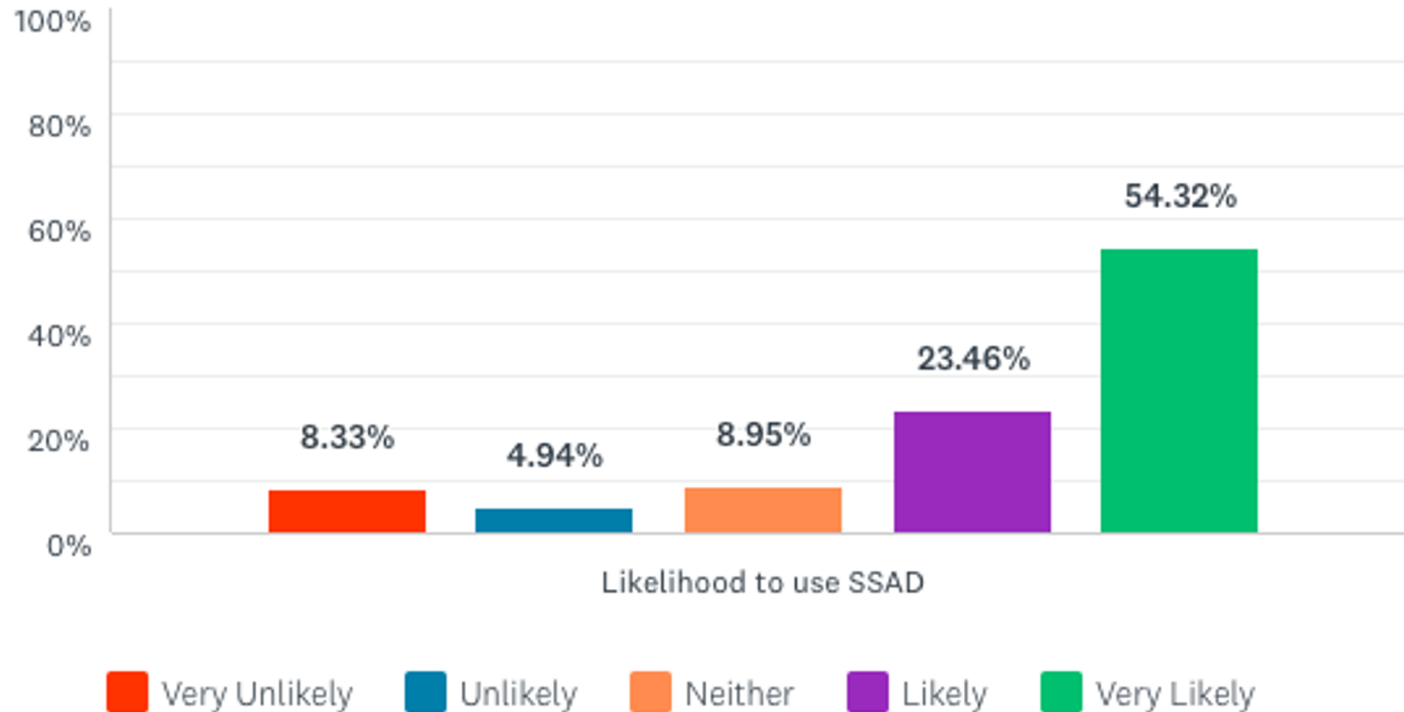
Number of Reported Disclosure Queries Sent

- In 2019, respondents reported that around 277,000 queries were sent per month to access nonpublic registration data.
 - In 2019, roughly 180 respondents reported that they sent less than 10 queries per month, 20 respondents sent 50 to 500 queries per month, and 10 respondents sent over 2,000 queries per month.
- In 2020, respondents reported that around 173,000 queries were sent per month to access nonpublic registration data.
 - In 2020, roughly 130 respondents reported that they sent less than ten queries per month, 30 respondents sent 50 to 499 queries per month, and 30 respondents sent over 2,000 queries per month.
- 3 respondents account for 69% of the total number of queries sent per month.



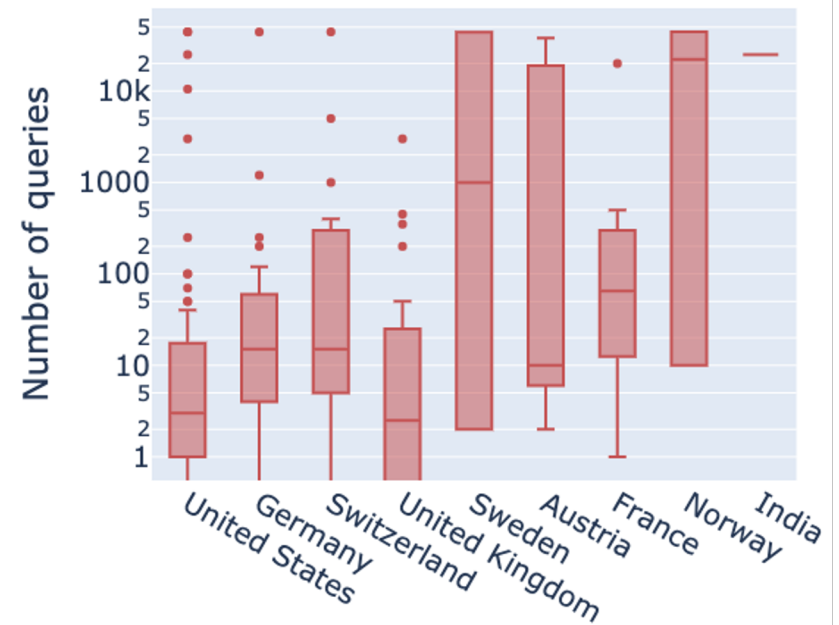
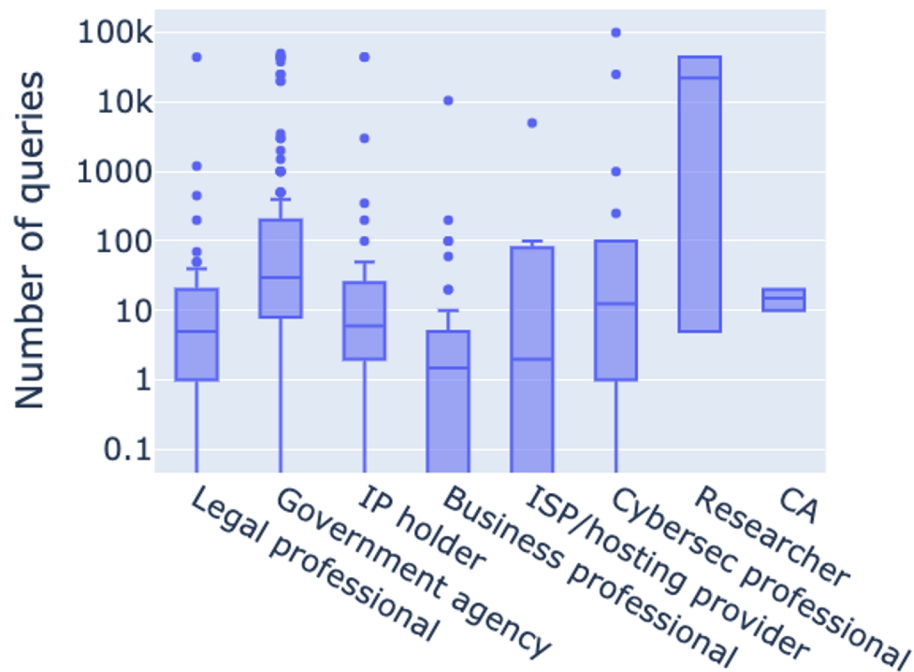
Likelihood to Use SSAD

77.78% of participants noted they would be likely or very likely to use the SSAD if implemented.



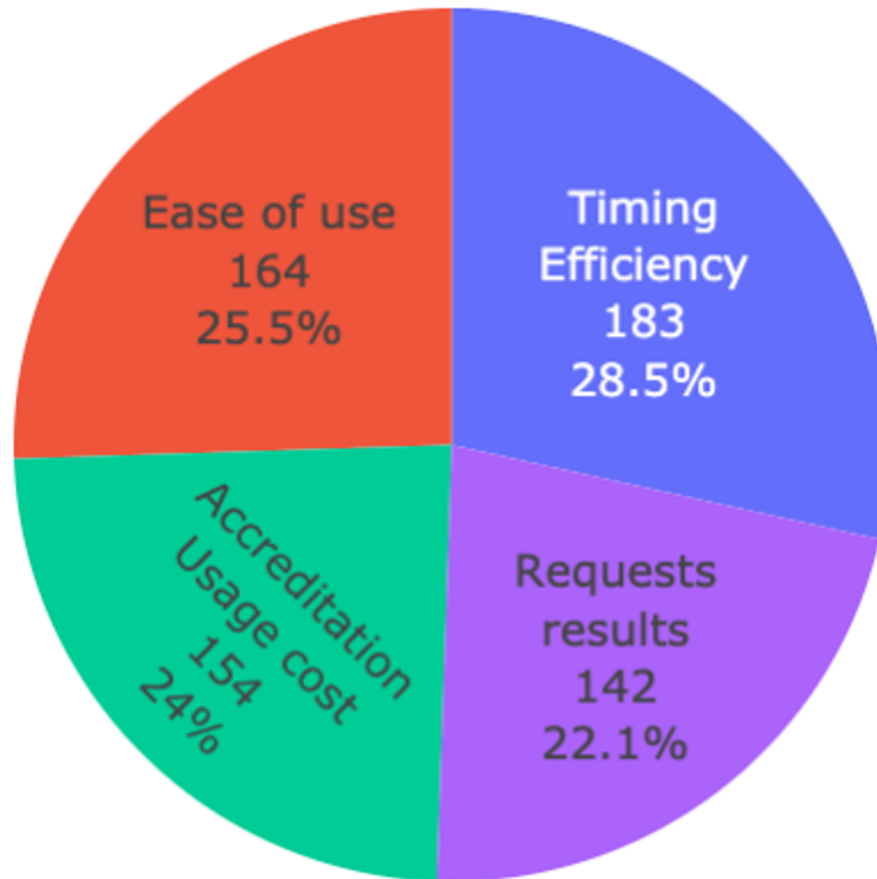
SSAD Query Distribution Per Organization and Jurisdiction

- Potential demand varied per organization type and jurisdiction.
- If implemented, government entities, cyber security professionals, and academic professionals predicted the highest demand.
- These numbers may be skewed toward the number of respondents per organization type and jurisdiction.



Driving SSAD Usage Factor

When asked which of the following factors were the most important when using the SSAD, all factors were rated as roughly equally important.



Data Collection Updates: Contracted Party Survey Analysis

Contracted Party Survey - General Overview

When:

08 July - 20 August 2021

Purpose:

To assess the from a contracted party perspective:

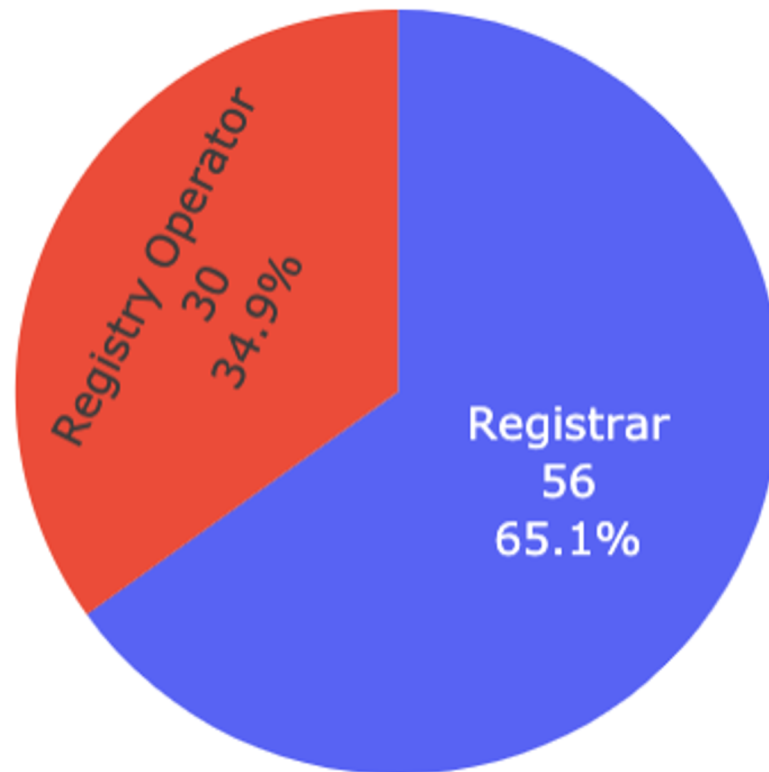
- What is the expected volume of data requests?
- How many potential users may be expected to use the SSAD?

Participation:

- 101 total participants
- 86 participants completed the entire questionnaire

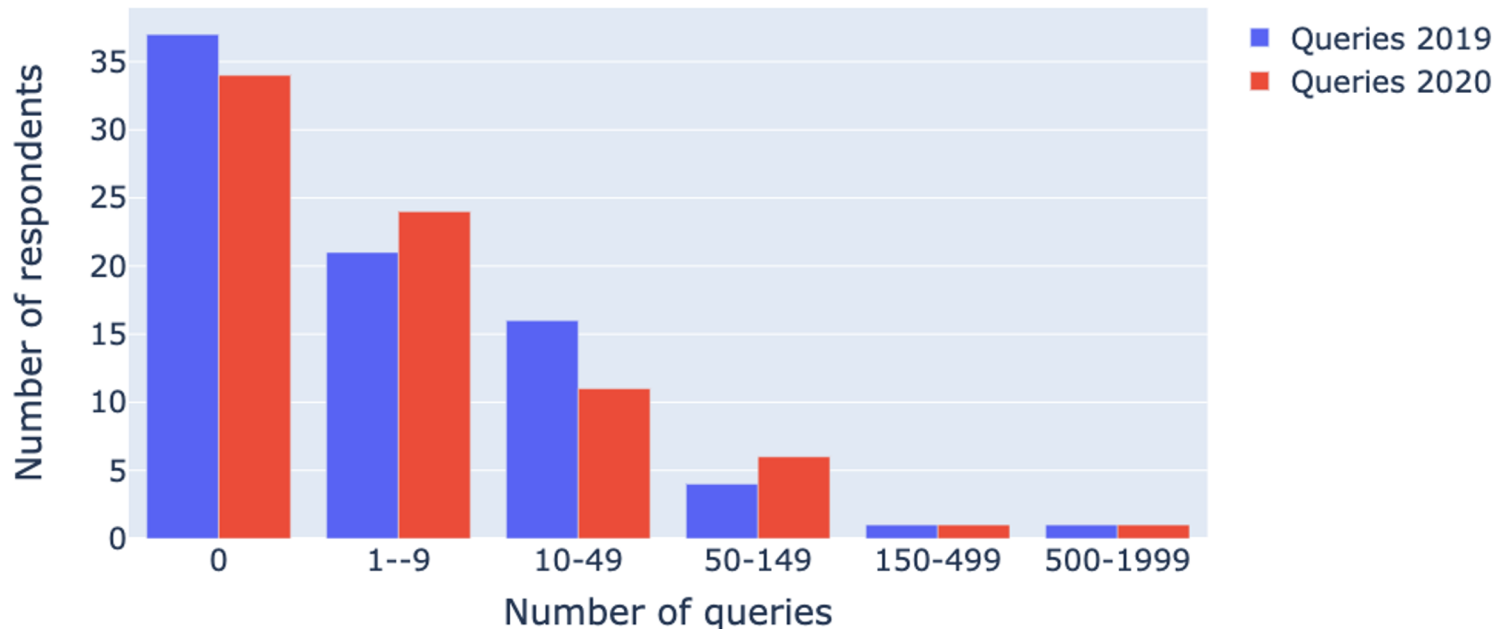
Organizational Distribution

- 35% of the participants identified as registry operators and 65% identified as registrars.
- Total number of domains under management (DUM) covered in the questionnaire: 167 million



Number of Reported Queries Received

- The majority of respondents noted receiving less than 10 requests a month to access nonpublic registration data in 2019 and 2020.
- In 2019, contracted parties reported receiving approximately 1,700 queries per month.
 - Roughly 15 respondents noted receiving between 10 to 50 requests per month and roughly 5 respondents noted receiving 50 to 149 requests per month.
- In 2020, contracted parties reported receiving approximately 1,900 queries per month.
 - In 2020, 11 participants noted receiving 10 to 50 requests per month and roughly 8 participants noted receiving 40 to 149 requests per month.



Data Collection Updates: Governmental Advisory Committee (GAC) Survey Analysis

GAC Survey Analysis

When:

15 July - 15 October 2021

Purpose:

Collect relevant information from GAC and its members about the accreditation of governmental entities.

Updates:

- Survey recently extended from 17 September to 15 October to allow more time to collect responses.
- Project team will evaluate responses once closed.
- More information will be shared during our next update.

Data Collection Updates: Request for Information (RFI) Analysis

RFI Details

When:

Open 21 June - 19 July 2021

Purpose:

Gather specialized subject matter expertise and understanding of what is available in the marketplace, specifically:

- Identity verification services, methods, and cost models.
- Services to conduct verification of various characteristics of legal and natural persons including affiliation with organizations along with costs.
- System development methods, effort, and range of costs.

Results:

- 17 organizations participated.
- Not all respondents answered every question.

RFI Response Summary

- Some respondents proposed a fully outsourced model in which they would build and operate all non-contracted party functions. Such an approach could reduce development and operational costs for ICANN org.
 - Responses that contemplated a complete system to solve for all SSAD needs were fairly high level and therefore lacked certain details that other responses included.
- Some responses were limited to specific elements of the RFI and did not consider how such responses might be incorporated into a more complex set of systems and processes.
- Limited number of responses about identity verification.
 - However, the responses received did validate some research conducted prior to and in conjunction with the RFI.
- Few responses identified existing capabilities or standards to verify assertions.
- Many respondents did not offer pricing information.
- Overall, the RFI resulted in useful input toward additional research work and corroborated certain details and approaches considered.

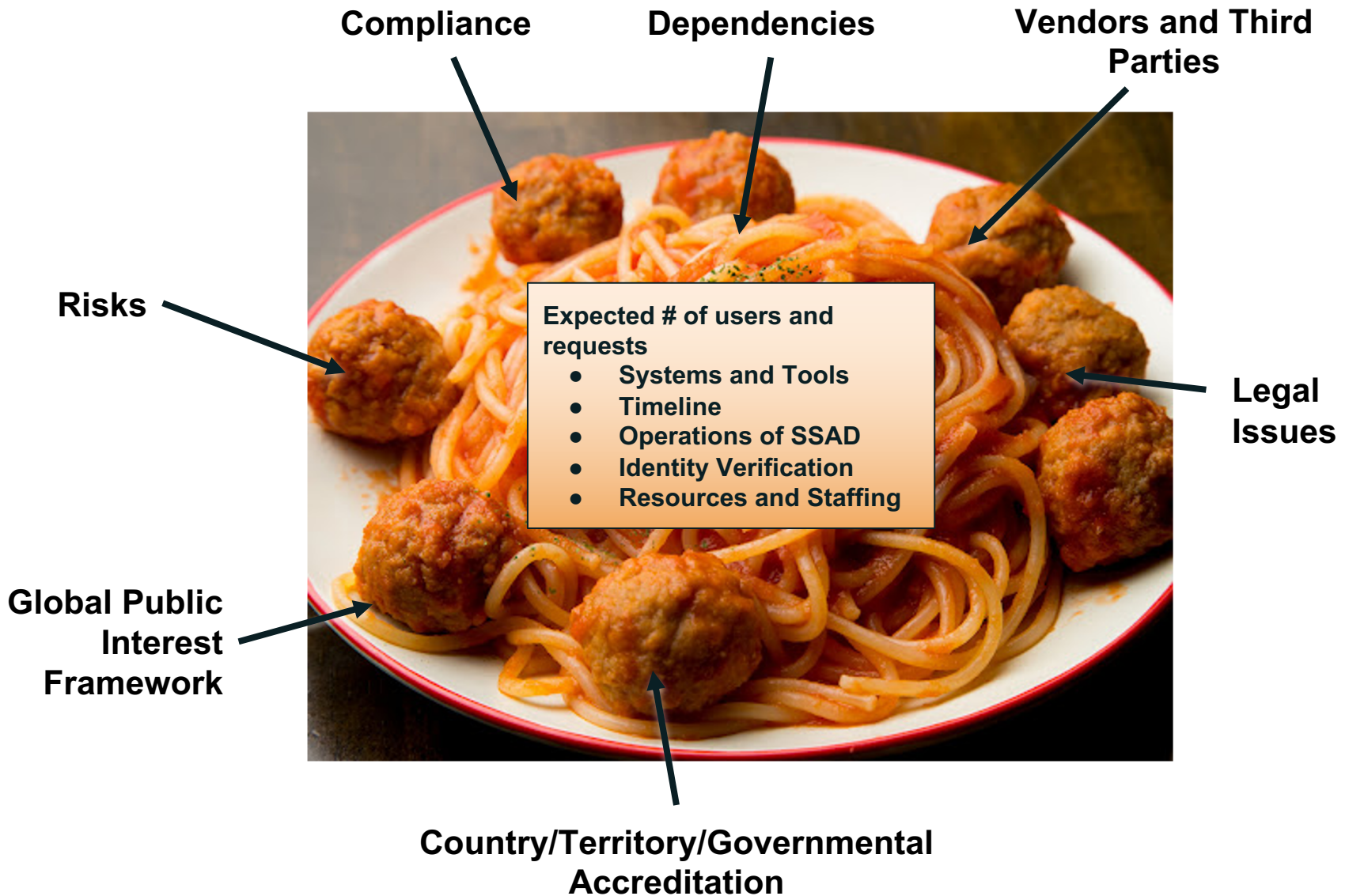
Data Collection Updates: Market Research

Market Research

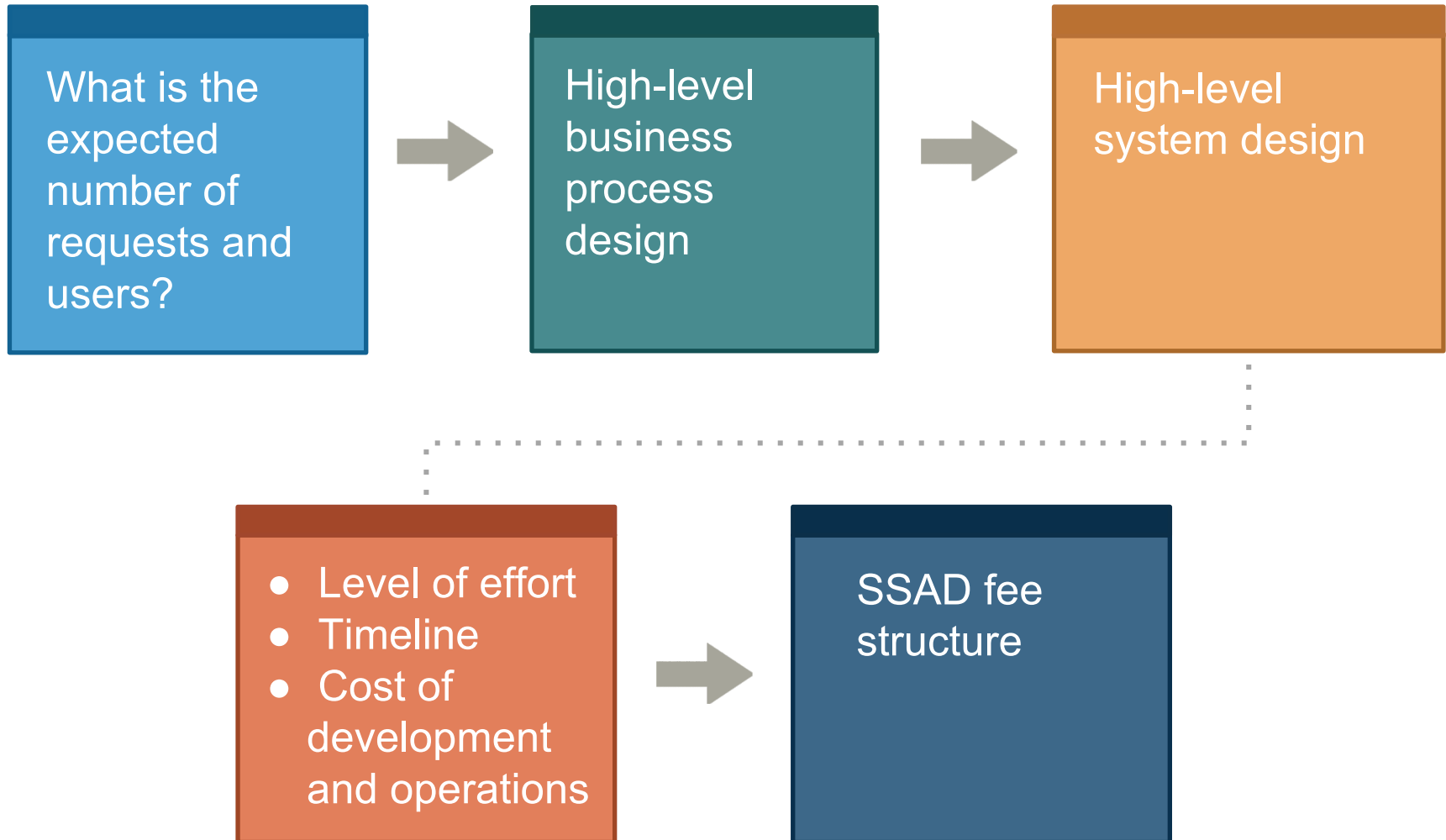
- Engagement with a market researcher is being sought to reach outside the ICANN community for:
 - Expected volume of requests
 - Expected SSAD user pool
 - Potential user price sensitivity
- Current status
 - Reached out to eleven firms
 - Five firms are still developing proposals
 - Difficulty in finding firms that understand the market position for a service like this
 - Even market leaders have indicated they do not have expertise in this area

Progress on the ODA

Scoping Area Interdependencies



Linear Approach to Some of the Scoping Questions



Current Selected Working Assumptions

- Potential volume range
 - High: 12 million requests annually generated by 3 million users.
 - Low: 100,000 requests annually generated by 25,000 users.
- The requestor will pay applicable SSAD fees for data requests regardless of the result.

Confirmed with GNSO Council via GNSO Liaison:

- A single request may contain disclosure requests for multiple domains as long as all the domain names are individually specified in a fully qualified format.
- Response Targets and Compliance Targets reviews are expected to be done across all contracted parties (CPs), conducted by GNSO Standing Committee.
- The disclosure request history will be saved not only by the Central Gateway Manager (CGM), but also by CPs for any requests that were routed to them.
- The SSAD user fee will only cover the operating cost of the Accreditation Authority, Identity Providers, and CGM.
- ICANN's central Accreditation Authority will only accredit non-governmental entities.
- Governmental entities will only be accredited by their designated country/territory Accreditation Authority.

This will be discussed further during ICANN72

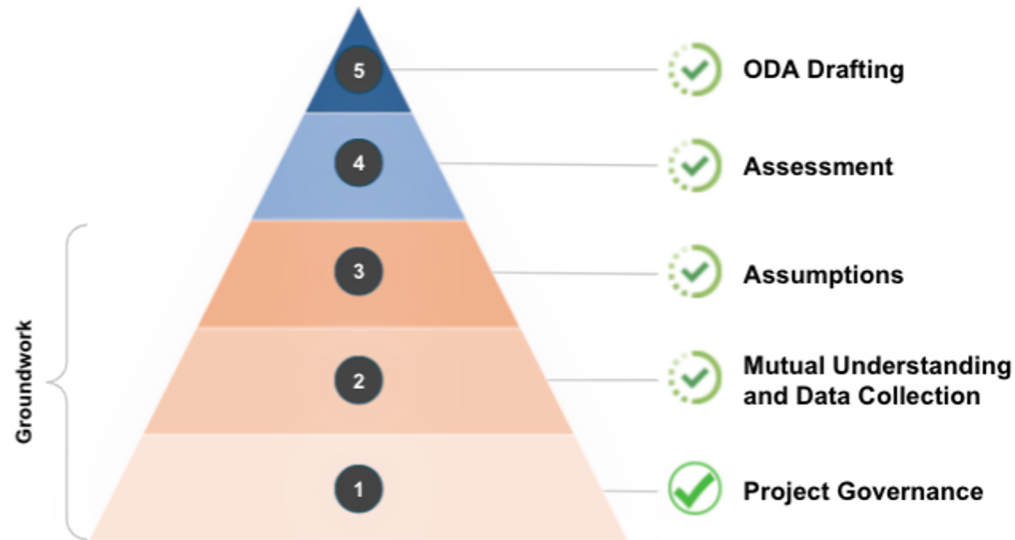
Summary

✔ Project Governance

- Completed

✔ Mutual Understanding and Data Collection

- Team aligned and share a mutual understanding
- Data collection nearly complete
 - Collected data is currently being analyzed



✔ Assumptions, Assessment, and ODA Drafting

- Assessment and drafting work progresses in many sections
- Where dependencies have been identified, work is proceeding sequentially
- Actively engaging with the GNSO Council Liaison:
 - Monthly calls
 - A total of eight assumptions about policy recommendations were sent to the GNSO Council for confirmation. All clarified/confirmed in August.

Timeline and Next Steps

Timeline

The SSAD ODP project delivery date has been extended.

- The ICANN Board originally requested the Operational Design Assessment (ODA) be completed within six months from the date of its request (25 March), provided that there are no unforeseen legal or other matters that could affect the timeline.
- The SSAD is a brand-new concept and a first of its kind system that affects people globally.
- Various data collection activities have taken longer than expected and raised additional questions for team to explore.
 - Deadlines on all three surveys were extended.
- The data we received has raised more questions for the team to explore as it assembles the ODA. This will require further discussion with the community in the coming months.

What's Next?

- ICANN72 session to provide details on further progress
- GAC survey results
- Additional community webinars

Questions?



Engage with ICANN



Thank You

<https://www.icann.org/ssadodp>

Email: ODP-SSAD@icann.org



[@icann](https://twitter.com/icann)



facebook.com/icannorg



youtube.com/icannnews



flickr.com/icann



linkedin/company/icann



soundcloud/icann



instagram.com/icannorg