The 6G Industry Association

2023 Q4 SDO Projects Impact Report

Upon projects feedback as of Sept 2024

R. Trivisonno

Pre-Std WG Regular Meeting

online, Sept 18th, 2024

2023 Q4 SDO Projects Impact Report

Activity Summary

— Call for projects feedback open on June 21th, 2024

— Call for projects feedback close on August 21st , 2024

— Data Cleaning and Statistics elaboration completed by Sept. 18th , 2024

— Report presented on Sept. 18th , 2024

2023 Q4 SDO Projects Impact Report

Activity Results — aligned with previous Quarter

— **17 projects** provided feedback (good response):

- SNS ICE
- Nancy
- Verge
- Hexa-X II
- PREDICT-6G
- 6G-XR
- 6G-SHINE
- 5G-IANA
- 5GMETA
- 5G-LOGINNOV
- CONNECT
- Fidal
- IMAGINE-B5G
- Ether
- Sandbox
- Centric
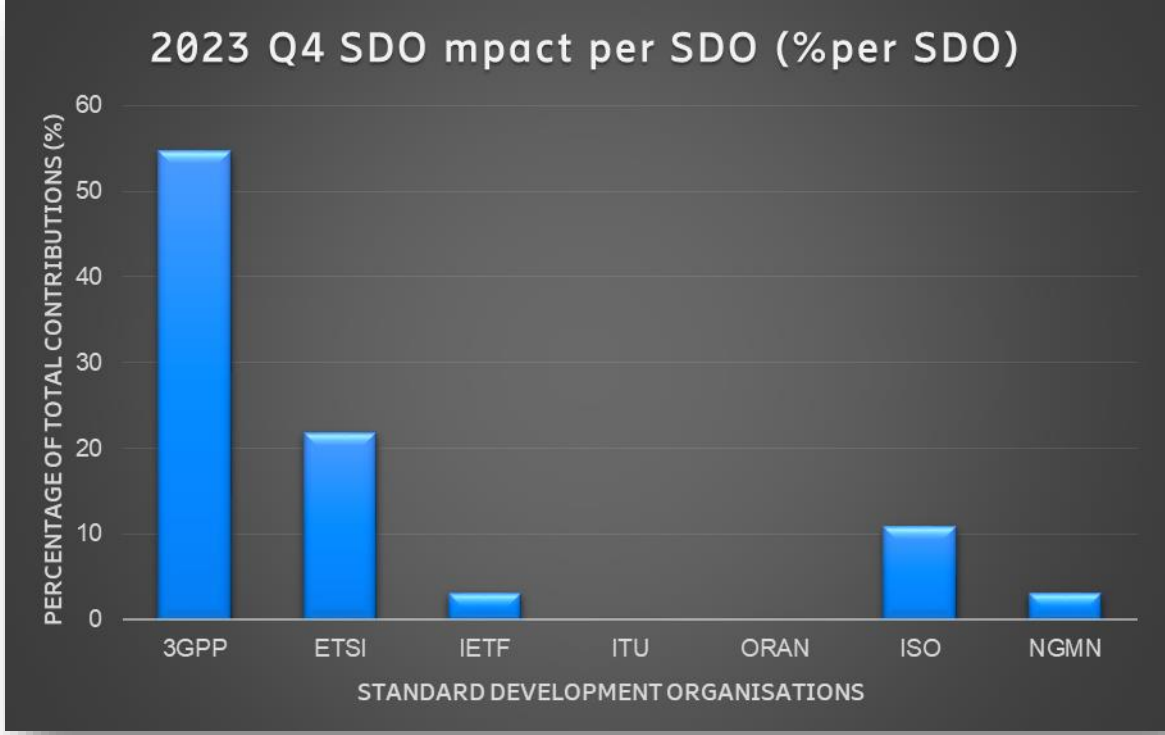- Times

Top Performing Projects

Project Name	Reported Items
Hexa-X-II	25
Nancy	6
Predict 6G	5
Ether	5

— **6 projects** reported 2+ SDO impact items (moderate impact)

2023 Q4 SDO Projects Impact Report

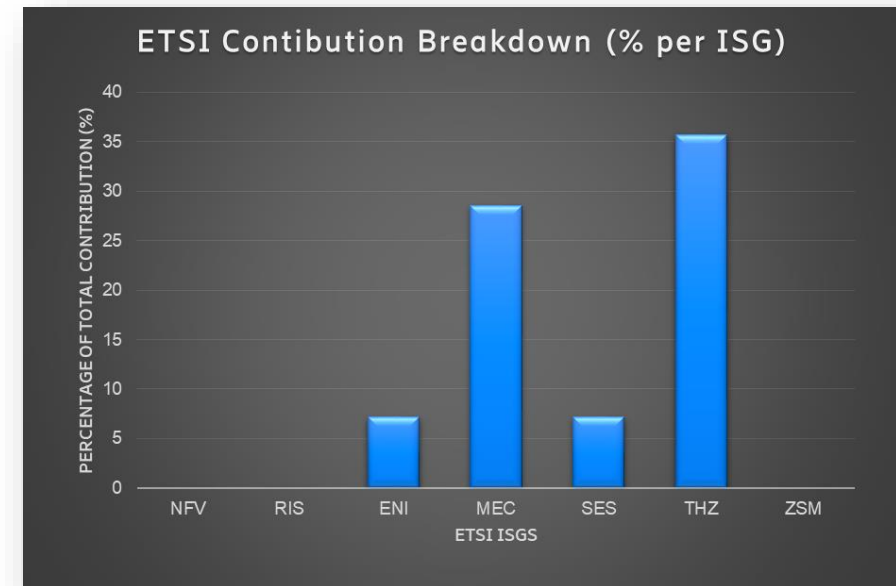**Contribution Breakdown by SDO (aligned with Q3)**

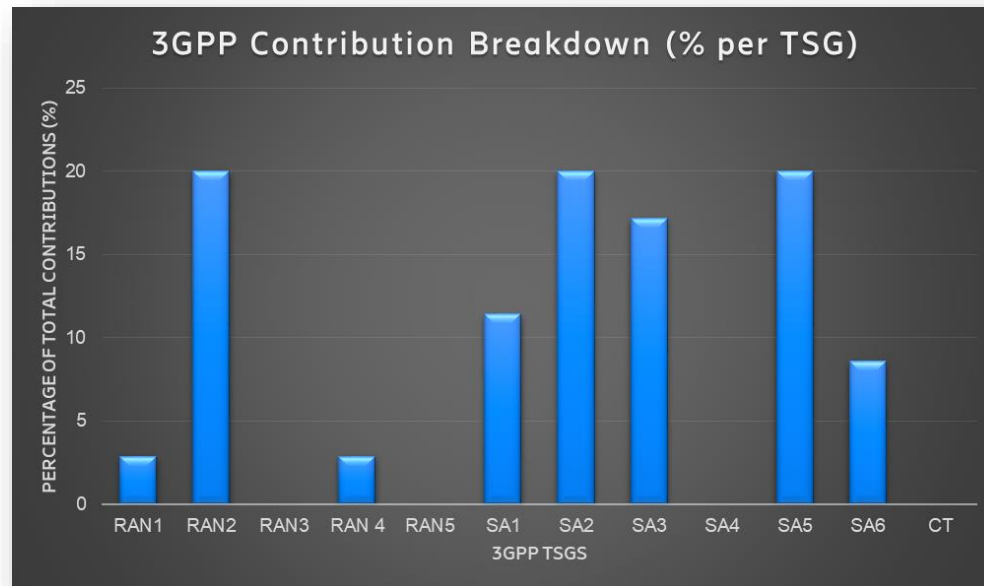— 3GPP privileged target (50%+ of reported items)

— ETSI, ISO significant targets (20%, 10%)

— IETF and NGMN

2023 Q4 SDO Projects Impact Report

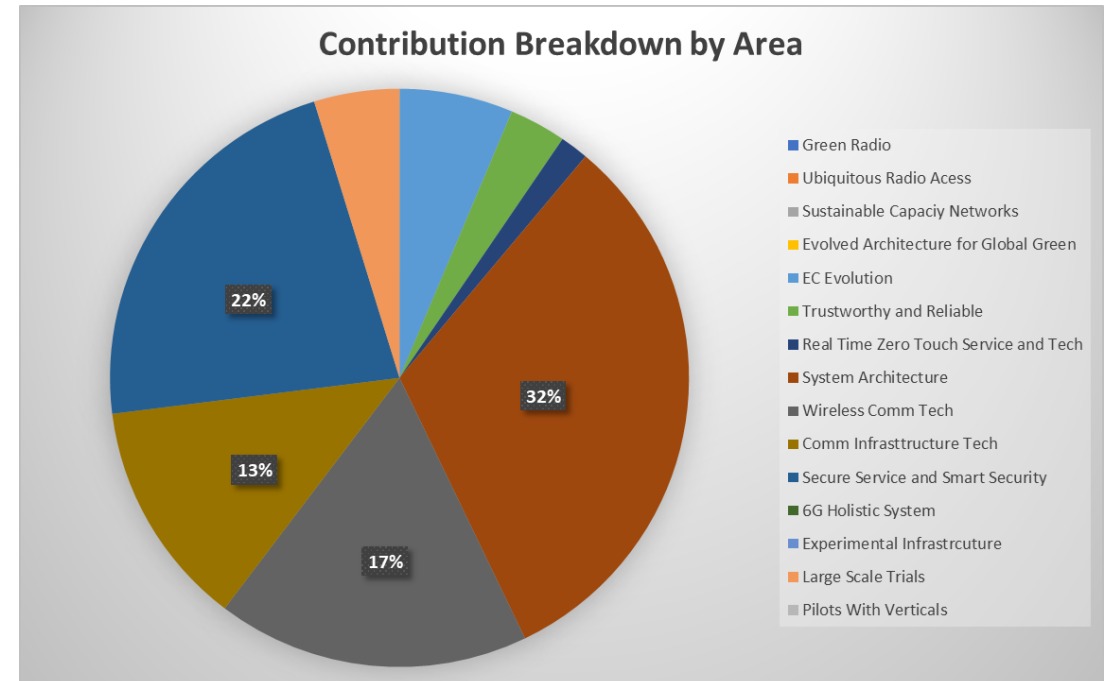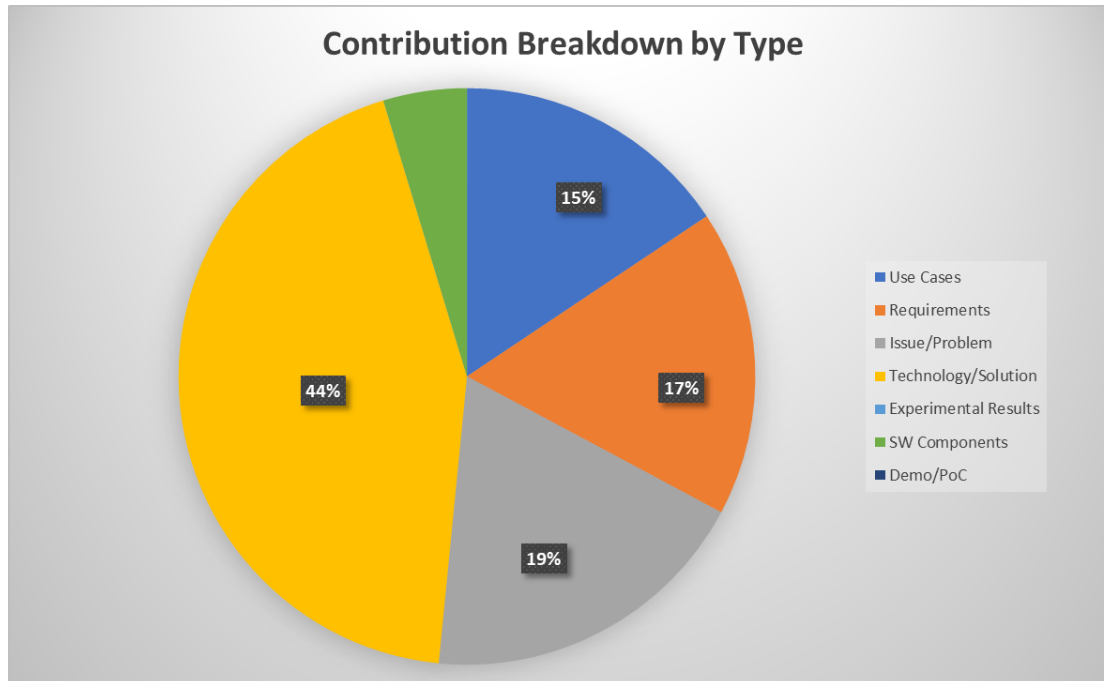## Contribution Breakdown by 3GPP TSG and ETSI ISG

— Wider range of **3GPP TSG** impacted (compared to Q3), on 5G Advanced systems. **Top TSG WG:**

  — RAN2, SA2, SA5, (60% combined, 20% each)

  — SA3, SA1, SA6 (15%+, 10%+, ~10%)

— **ETSI THz and MEC** also impacted

2023 Q4 SDO Projects Impact Report

Contribution Breakdown by Type and Work Area

— Vast majority of impact items related to **Technologies and Solutions** (~45%)

— **Use Cases, Requirements and Key Issue** also notable (15%+)

— **System Architecture** strongest contributed area (30%+)

— **Sec. Ser. and Smart Sec.** (22%), **Wireless Comm. Tech**. (17%), **Comm. infra Tech** (13%) also notable

Contribution Breakdown by Type

Use Cases 15%
Requirements 17%
Issue/Problem 19%
Technology/Solution 44%
Experimental Results
SW Components
Demo/PoC

Contribution Breakdown by Area

Green Radio
Ubiquitous Radio Acess
Sustainable Capaciy Networks
Evolved Architecture for Global Green
EC Evolution
Trustworthy and Reliable
Real Time Zero Touch Service and Tech
System Architecture 32%
Wireless Comm Tech 17%
Comm Infrasttructure Tech 13%
Secure Service and Smart Security 22%
6G Holistic System
Experimental Infrastrcuture
Large Scale Trials
Pilots With Verticals

2023 Q4 SDO Projects Impact Report

Conclusions

— **Good response** to 2023 Q4 SDO impact collection

— On **impact** reported:

  — **3GPP** privileged target SDO

  — **Rel19** (**3GPP**) systems predominantly impacted

  — **Technologies and Solutions** on **Network Architecture** privileged area

— **2024 Q1 SDO Impact Collection** to start mid Sept. 2024

Thank You

to Join the WG, please apply at 6G-IA website
Or
please email
riccardo.trivisonno@huawei.com
c.demajo@trust-itservices.com