**Minutes of the “Conference call to discuss SA2 Rel-20 planning” (3:00-5:00 PM CEST, June 25th, 2025)**

# Agenda

* Overview of call
  + Not a decision-making call
  + Wanqiang will take notes
  + will revisit the planning discussions during SA2#170
* 6G Study Item planning
* IMS Architecture Enhancement SID discussion planning
* 5GA Study and Work Item planning
* TEI20 planning

No document numbering, but the rapporteurs uploaded their planning input to the folder in:

<https://www.3gpp.org/ftp/tsg_sa/WG2_Arch/TSGS2_170_Goteborg_2025-08/INBOX/DRAFTS/CC_5GA_SID_2025-06-25>

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# 6G Study Item Planning

Rapporteur Malla Reddy Sama presented the slides.

## Key Milestones(slide 3)

Nokia commented to support the slide 3 about the key milestones.

[MediaTek](https://portal.etsi.org/webapp/TelDir/QueryOrgaInfo.asp?OrgaId=11722) commented to also consider the RAN timeline to start some WTs, i.e. migration aspects.

Huawei commented that probably no decisions at May 2026 meeting about the migration and interworking.

Vodafone commented that it might be difficult for SA2 to start the migration discussion right now before RAN make some progress.

Qualcomm commented that May 2026 probably too early for SA2 to make the decisions as we just start the solution discussions.

CMCC commented that finalising all WT/KI descriptions by Dec 2025 is too early.

Ericsson commented to stick to the plan that “SA2#172 is the key milestone to finalize WT/KI descriptions, TU estimates, architecture principles & assumption, and dependencies (including between WTs/KIs), etc.”

SA2 chair suggested to insist on the plan as endorsed in S2-2505648, and work further for any other milestones.

## (Tentative) 6G SI work plan/Slide 4:

Huawei did not think setting next year August meeting as the deadline for new solution leave enough study space for SA2 study and also proposed to skip the evaluation phase.

[MediaTek](https://portal.etsi.org/webapp/TelDir/QueryOrgaInfo.asp?OrgaId=11722) commented in general to support the slide 4 and checkpoint 4/5 depend on the final completion date.

Boost Mobile commented to remove the “etc” in slide 4 to make it not open ended.

CMCC commented that next year August meeting is too early for new solution deadline.

Ericsson suggested to have checkpoint3/4 to start interaction with RAN for cross RAN and SA topics.

Qualcomm suggested to taking Feb next year as the deadline for all the new key issues and key issues update. Qualcomm asked that the meaning of “KI updates” should be clarified, does it mean new KI’s or updates of existing ones?

[Deutsche Telekom suggested](https://portal.etsi.org/webapp/TelDir/QueryOrgaInfo.asp?OrgaId=268) to also include the architecture requirements discussions and rapporteurs can update the SID following the final WT content update in the TR annex in plenary directly.

## SA2#170 (Aug) Meeting planning(Slides 6/7)：

Nokia asked question for clarification about “The detailed approach for handling contributions (e.g., rapporteur summary/grouping or identify the baseline tdoc(s) or potential need to assign pen-holders, etc) will be decided after the submission deadline, e.g., based on factors such as the number of contributions.” and proposed that one baseline paper for one technical issue rather than one single WT level summary.

[MediaTek](https://portal.etsi.org/webapp/TelDir/QueryOrgaInfo.asp?OrgaId=11722) commented that it goes to the right direction and asked the questions about the “For WT that are not agreed, can create a baseline WT scope (and potentially KIs only if the related WTs are already stable), which will be further developed (considered for baseline) for the October meeting” is still consensus based or new process and how to capture such

Rapporteur feedbacked that if no consensus, the content can not be captured in the TR.

Huawei commented that it is too early to discuss the TU. And Limit one contribution one company is not an efficient way. Some topics may impact several WTs. Prefer several small contributions for one WT rather than only a big one. Also Key issue discussion can happen before the WT update getting agreed or together with the WT update discussions..

Ericsson agreed to remove the TU discussion right now and prefer to have one paper one company for one WT rather than split it. Proposed to consider endorsing some WT scope update as baseline for next meeting work if still need more time.

SA2 Chair suggested rapporteurs to update the slides following the discussions and work further during the summer.

## Template

CMCC commented that it is a good start for the template, but TU estimation is too early for August meeting.

Nokia suggested to make the template stable as earlier as possible to let the companies draft the contributions following the template.

NTT Docomo asked the question how to match to the TR annex using this template.

Rapporteur feedbacked that WT update can be captured in the annex and KI of course will be captured in the TR main body.

Chair suggested to make the template stable as earlier as possible for August meeting and further update the template for Oct and Nov meeting considering the progress of Aug meeting.

# IMS Architecture Enhancement SID discussion planning

Pallab Gupta, Nokia (Moderator) presented the slides and requested the companies to give feedback about the NWM discussion questions.

OPPO asked the question about the TU source for this SID (5G-A or 6G)

Ericsson suggested to use the buffer rather than the total 6G TU budget.

SA2 Chair clarified to further discuss and check the situation in SA2#170 about the TU.

# 5GA Study and Work Item planning

SA2 Chair gave a summary of the collected information from the rapporteurs.

## FS\_5GSAT\_Ph4\_ARC

Ericsson proposed to start the interaction with RAN from Oct meeting and update the work plan to avoid the too late conclusions, also add full TU to have holistic views.

[MediaTek](https://portal.etsi.org/webapp/TelDir/QueryOrgaInfo.asp?OrgaId=11722) supported Ericsson views.

## FS\_AIML\_CN\_Ph2

Ericsson asked the question for clarification about the dependency issues.

Rapporteur (Vivo) commented that RAN2 are waiting for the SA2 conclusions about the UP solutions but SA2 also needs further feedback from RAN2 to make the decision in SA2.

Apple raised the issue about the “data set sharing” and asked the question how to handle.

Rapporteur (Vivo) feedbacked that the “data set sharing” is a separate topic and current SID does not include such content.

Nokia commented that the checkpoint in RAN is for Dec and SA2 can continue the study as plan.

## FS\_Sensing\_ARC

Ericsson asked the question how to handle the papers not handled last meeting about the priority handling.

Vivo asked to better to split the TU how to use the TU about the new solutions and solutions update.

SA2 Chair suggested to not touch such detailed planning.

Rapporteurs agreed the SA2 Chair view and clarified that the key issue 4/5/6 not handled solution papers last meeting will have priority for next meeting

Google asked the question about the process “For previously agreed solutions aspects out of new scope, it is up to each company to decide whether to remove or keep those solution aspects.” and proposed to use the same handling to remove the solutions out of the final scope.

SA2 Chair suggested to continue the email discussions offline and will have formal discussions during the SA2#170 meeting.

# TEI20 planning

SA2 Chair gave a summary about the initial plan and with already approved 2 items/3.5TU’s in plenary, Aug meeting will target for 4.5 TU’s budget.

* + As previously endorsed
    - TEI20 proposals are invited for discussion and approval for SA2#170
      * To fill a maximum of 8 TU’s
    - It is planned to invite further TEI20 proposals for SA2#173
      * To fill a maximum of 4 TU’s
  + Two TEI20 items have been approved by SA (in SA#108)
    - TEI20\_NetShare\_Ph2-ARC (2 TU’s)
    - TEI20\_5G\_ProSe\_Ph4-ARC (1.5 TU’s)

Nokia presented the slides “TEI20 handling proposal for endorsement”

Ericsson asked the question about the implication for this new process and better we do not have the R20 spec too early.

Huawei shared the same worry to open the R20 spec too early.

Qualcomm commented that if SA2 just endorse the CR, then nothing about the resource reduced, Or else it is business as usual.

Interdigital commented that we still need time to approve the CR.

SA2 Chair commented that all the TEI work should focus on the CR and make the change clear.

Ericsson did not think it will change much the way of working and only applied to very small TEI works.

# Following up and close of the CC

SA2 Chair gave a summary of the CC discussions and following steps to work:

1. 6G rapporteurs will give an update about the planning slide and also the template with the target to make them stable earlier August.
2. For the R20 5G-A topics, the rapporteurs will continue the offline work by email and SA2#170 meeting will discuss the update as usual.
3. For TEI20 work, SA2 Chair need to further check the Nokia proposal and continue the discussion in SA2#170 meeting.

# Attendee list

|  |  |  |
| --- | --- | --- |
| **Last Name** | **First Name** | **Organization** |
| Bennett | Andrew | Samsung |
| Zhang | Wanqiang | Huawei |
| Pope | Maurice | ETSI |
| Agbede | Afolabi | BT plc |
| Ahava | Janne | Erillisverkot |
| Ai | Ming | CATT |
| Alnås | Svante | Sony |
| An | JongGwan | ETRI |
| Ayanampudi | Krishna Mohan Varma | Tejas networks |
| Baek | Youngkyo | Samsung |
| Balasubramanian | Anusuya | CEWiT |
| Baliarsingh | Saubhagya | Nokia |
| Bari | Farooq | AT&T |
| Bátorfi | Richárd | Ericsson |
| Belling | Thomas | Nokia |
| Berisot | Thierry | Novamint |
| Bhangu | Manmeet | Rakuten Mobile |
| Bhattacharjee | Sushmit | NTT DOCOMO |
| bhushan | raghvendra | Reliance Jio |
| Blicker | Stephan | Deutsche Telekom |
| Bonneville | Hervé | Mitsubishi Electric |
| Boubendir | Amina | Airbus |
| Buckley | Adrian | Verizon Spain |
| Cakulev | Violeta | Verizon Wireless |
| Casati | Alessio | Nokia |
| chakraborty | kaushik | Viasat |
| Chandramouli | Devaki | Nokia |
| Chen | Jingran | OPPO |
| CHEN | XU | China Mobile |
| Chen | Zhuoyi | China Telecom |
| Cheng | Hong | Qualcomm Incorporated |
| cheng | sihan | vivo |
| Choe | Hyun Jung | LG Electronics |
| Chong | Vivian | vivo |
| Chopra | Aakriti | Reliance Jio |
| Chuberre (THALES) | Nicolas | Thales |
| Chun | SungDuck | Ofinno LLC |
| Cogalan | Tezcan | Nokia |
| Colom Ikuno | Josep | Deutsche Telekom |
| Comstock | David | Kyocera |
| Costa | Fraunhofer - Gustavo | Fraunhofer IIS |
| De Beelde | Brecht | STE IDIRECT Ireland Ltd |
| Dees | Walter | Philips |
| Dempo | Hiroshi | NEC |
| Deng | Qiang | CATT |
| Deng | Shuangxing | CSCN |
| Dharmadhikari | Omkar | CableLabs |
| Di Girolamo | Rocco | InterDigital |
| Ding | Hanyu | Honor |
| Djapic (TNO) | Relja | TNO |
| Doczkat | Martin | FCC |
| DONG | HAO | ZTE Corporation |
| Duan | Xiaoyan | CATT |
| Echigo | Haruhi | DOCOMO |
| Edwards | Robert | Matrixx Software, Inc. |
| Faccin | Stefano | Qualcomm Incorporated |
| Felici | Fabio | Oracle |
| Feng | Yuang | ZTE |
| Feng | Yuang | ZTE |
| Feng | Zhao | Huawei |
| Foti | George | Ericsson |
| Fu | Zhang | Huawei |
| Ga | Haerim | LG Electronics |
| Galante | Maria Pia | TIM |
| Gandhi | Jainam | Reliance Jio |
| Gandotra | Rahil | CableLabs |
| Garcia-Morchon | Oscar | Philips |
| Gardella | Maryse | MATRIXX Software |
| Garikipati | Srinivas | Nokia |
| Ghosh | Suvadeep | Reliance Jio |
| Gkatzikis | Lazaros | Nokia |
| Gkellas | Georgios | Nokia |
| Gludovacz | Dieter | Deutsche Telekom |
| Goel | Gaurav | Jio Platforms |
| Graham | Jason | OTD\_US |
| Grau | Maxime | Samsung |
| Gray | Jeff | OTD |
| Guo | Boren | OPPO |
| Gupta | Naman | Samsung |
| Gupta | Pallab | Nokia |
| Gupta | Rounak | Jio Platforms |
| Gupta | Varini | Ericsson |
| Gupta | Vivek | Apple |
| Gutierrez Estevez | David | Apple |
| Ha | Jeounglak | ETRI |
| hallenstål | magnus | Ericsson |
| HAN | LUFENG | Spreadtrum |
| Hédé | Patrice | Huawei |
| Hou | Yunjing | CATT |
| Huang | Changzheng | China Telecom |
| Ilic Savoia | Andjela | Iridium Satellite LLC |
| Iro | Michael | T-Mobile Austria |
| Ishii | Hiroaki | NTT DOCOMO |
| Jaffar | Munira | EchoStar |
| Jain | Puneet | Intel |
| Jeon | Youbin | LG Electronics |
| Jia | Yuhang | Tencent |
| Jiang | Yi | China Mobile |
| jin | hui | vivo |
| John | Kaippallimalil | Futurewei |
| jung | hyunglok | LG Uplus |
| Jung | Ikjoo | LGE |
| Kang | Yoohwa | ETRI |
| Karampatsis | Dimitrios | Lenovo |
| ke | xiaowan | vivo |
| Kedalagudde | Meghashree | Intel |
| Khatibi | Sina | Nokia |
| Kheirkhah | Morteza | GSMA |
| Kiani | Abbas | Futurewei |
| Kim | Dongjoo | Nokia |
| Kim | DongYeon | Ofinno |
| Kim | Hongsuk | LGE |
| Kim | Hyesung | Samsung |
| Kim | Hyunsook | LGE |
| Kim | Jaewoo | LGE |
| Kim | LaeYoung | LGE |
| KIM | MINSEON | LGE |
| Kim | Seokjung | LGE |
| Kim | Wonjung | LG Uplus |
| Kiss | Krisztian | Apple |
| Koizumi | Yoshiko | Kyocera Corporation |
| Kumar | Lalith | Samsung |
| Kumar | Rinku | NEC |
| Kumar | Vinay | Jio Platforms |
| Kumthekar | Nikhil | Jio Platforms |
| Kushwaha | Amit | Jio Platforms |
| Lachhwani | Ankita | CEWiT |
| Lai | Chia-Lin | MediaTek |
| Lair | Yannick | Nokia |
| Larson | Gregg | Xylem |
| Lee | Changsik | ETRI |
| Lee | Jicheol | Samsung |
| Lee | Seungik | ETRI |
| Li | Aihua | CMCC |
| Li | Guanglei | Huawei |
| LI | Jiahui | China Telecom |
| Li | Meng | Huawei |
| Li | Mu | Huawei |
| Li | Xu | Huawei |
| Li | Yan | China Telecom |
| Li | yongcui | Huawei |
| LI | zhendong | ZTE |
| Liao | Ellen | Google |
| Liebhart | Rainer | Nokia |
| Lin | Carlson | MediaTek |
| Lin | Xingqin | NVIDIA |
| Ling | Robbie | Ericsson |
| LIU | Jianning | Xiaomi |
| liu | jie | China Telecom |
| LIU | YU | CSCN |
| LIU | YU | CSCN |
| Liu | Yubing | China Telecom |
| LU | Fei | OPPO |
| Lu | JIE | CATT |
| lyu | huazhang | China Mobile |
| M Vamanan | [Apple] Sudeep | Apple |
| Ma | Yunxiao | CSCN |
| Mampilly | Antony | CEWiT |
| MAO | Yuxin | Xiaomi |
| Matsusako | Azumi | SoftBank Corp. |
| Mazawa | Shiro | NICT |
| Methenni | Achref | Interdigital |
| Minokuchi | Atsushi | NTT DOCOMO |
| Mittal | Rita | Amdocs |
| Mondal | Tanmoy | Jio Platforms |
| Moon | Sang-Jun | Samsung |
| Mowafy | Hala | Peraton Labs |
| Muhanna | Ahmad | Dish |
| Mustapha | Mona | Apple |
| Mutikainen | Jari | NTT DOCOMO |
| nailwal | kailash | Comcast |
| Nakano | Yusuke | KDDI CORPORATION |
| Nanda | Arpan | Jio Platforms |
| Nangia | Vijay | Motorola Mobility |
| Napolitano | Antonella | TELECOM ITALIA S.p.A |
| Nayak | Akshatha | Tejas Networks Limited |
| Nayak | Ashok | Samsung |
| Nayak | Barid Baran | Jio Platforms |
| Neira | Elena | MITRE Corporation |
| Ni | Hui | Huawei |
| Nie | Heng | China Telecom |
| Nisbeth | Daphanie | US NSA |
| Niu | chunlei | CSCN |
| Njarakkadavath | Navas Nk | Jio Platforms |
| Nord | Lars | Sony |
| Normann | Henrik | NTT DOCOMO |
| Nozaki | Kohei | NTT DOCOMO |
| Nuggehalli | Pavan | Google |
| Olsson | Magnus | Ericsson |
| Olvera | Ulises | InterDigital Communication Inc. |
| ouerdia | Chelibane | Orange |
| P | CEWiT, Jishnu | CEWiT |
| Panaitopol | Dorin | THALES |
| Pancorbo Marcos | Maria Belen | Ericsson |
| Panigrahi | Bighnaraj | Nokia |
| Park | Jungshin | Samsung |
| Park | SangMin | Google |
| Pasumarthy | RaviKanth | CAPGEMINI |
| Petranovich | Jim | Viasat |
| Pudney | Christopher | Vodafone |
| Qiang | Li | Huawei |
| REN | CHI | China Unicom |
| Rohnert | Hans | Rohde & Schwarz |
| Rommer | Stefan | Ericsson |
| Rossbach | Ralf | Apple |
| Russell | Paul | Charter Communications, Inc |
| Ryu | Jinsook | Ofinno |
| S | Aswathy | TSDSI |
| Saboorian | Tony | Futurewei |
| Sabyasachi Mukhopadhyay | Sabyasachi Mukhopadhyay | Tejas Networks |
| safi | somnath | Reliance Jio |
| Sahoo | Anirud | NIST |
| Saia | Flavio | Vodafone |
| Sama | Malla Reddy | DOCOMO |
| Samdanis | Konstantinos | Lenovo |
| Sarathchandra | Chathura | InterDigital |
| Schramm | Mirko | Huawei |
| Shan | Changhong | OPPO |
| Shariat | Mehrdad | MediaTek Inc. |
| Sharma | Gaurav | Jio Platforms Limited |
| Sharma Banjade | Vesh Raj | NIST |
| Sharma Banjade | Vesh Raj | NIST |
| Shekhar | Ravi | Cisco Systems |
| Shen | Sherry | OPPO |
| Sheng | Yuxiang | Hisilicon |
| sheng | yuxiang | Huawei |
| Shi | Susan | Huawei |
| SHIN | Myungki | ETRI |
| Shu | Lin | vivo |
| Singh | Shubhranshu | Nokia |
| Son | Jung Je | Interdigital |
| Song | Yaqin | CICT |
| Soundrarajan | Rahul | Tejas Networks |
| Sourav Saha | Sourav Saha | Jio Platforms |
| spini | marco | Huawei |
| Srimushnam | Raghu | Keysight |
| Starsinic | Michael | InterDigital Inc. |
| Streijl | Robert | Peraton Labs |
| Subramanya | Tejas | Nokia |
| Sugawara | Yasuo | Sharp |
| Suh | DongEun | Samsung |
| Sultana | Shabnam | Ericsson |
| SUN | HAIYANG | Huawei |
| SUN | TAO | China Mobile |
| Tan | Peng | Skylo |
| Thaker | Pranay | Jio Platforms |
| THIEBAUT | Laurent | Nokia |
| Tonesi | Dario Serafino | Qualcomm |
| TOUMI | Nassima | KPN N.V. |
| Tung | Jin | Mediatek |
| Udalcovs | Aleksejs | Ericsson |
| Van der Pool | Robert | Gatehouse Satcom A/S |
| Varvara | Antonio | TIM |
| Velev | Genadi | Lenovo |
| Wang | Baixiao | CATT |
| Wang | Dan | China Mobile |
| Wang | Guanzhou | Interdigital |
| Wang | Hucheng | CATT |
| Wang | Yaxin | OPPO |
| Wang | Yuan | Huawei |
| Warren | Denisha | US NSA |
| Warren | Denisha | US NSA |
| Watfa | Mahmoud | Huawei |
| Wei | Qing | Huawei |
| WEi | Xinpeng | Huawei |
| Wen (vivo) | Wang | vivo |
| Wenham | Steven | Huawei |
| Wong | Curt | Meta |
| WU | Jinhua | Xiaomi |
| Wu | Xiaobo | vivo |
| Xiang | Amanda | Futurewei |
| Xiang | Xin | China Telecom |
| Xiang | Xin | CSCN |
| Xiao | Xun | Huawei |
| Xiaofei | GU | CATT |
| Xin | Tingyu | Samsung |
| Xing (China Unicom) | TianQi | China Unicom |
| Xiong | Chunshan | CATT |
| Xu | Yang | OPPO |
| Xu | Yishan | Huawei |
| Yang | Feng-Ming | Fareastone |
| Youn | Myungjune | LG Electronics |
| YU | Hang | vivo |
| Yu | Seungjun | KT |
| Zarri | Michele | Huawei |
| Zein | Nader | NEC |
| Zein | Nader | NEC Europe Ltd |
| zhang | Bo | Huawei |
| Zhang | Juan | Qualcomm |
| Zhang | Justin | vivo |
| ZHANG | KEFENG | Qualcomm |
| Zhang | Ling | Siemens AG |
| Zhang | Zhuoyun | vivo |
| Zhao | Xiaoxue | CATT |
| Zhao | Yinhui | NTT DOCOMO |
| Zhao | Yun | China Telecom |
| Zhao | Yun | CSCN |
| ZHENG | LIZHUO | Lenovo |
| Zhong | Lei | Toyota |
| Zhong | Ruijie Networks, Ke | ruijie |
| Zhou | Runze | HiSilicon |
| Zhou | Yiting | ZTE |
| Zhou | Yue | NEC Corporation |
| Zhu | Chunhui | NEC |
| zhu | Fenqin | Huawei |
| Zhu | Jinguo | ZTE |
| Zhu | Qianghua | Huawei |
| Zisimopoulos | Haris | Qualcomm |