KDT JU
CALL 2021

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5th ECSEL Italy Brokerage Event
26 January 2021

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WE DID IT!

30 NOVEMBER 2021: KDT ENTRY INTO FORCE

16 DECEMBER 2021: FIRST KDT CALLS 2021

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A WORD OF CAUTION ON THE FIRST KDT CALL

Check regularly our call website under the KDT website:

www.kdt-ju.europa.eu

Changes in National conditions are to be expected!

Contact email for your questions (please use ONLY this email):

calls@kdt-ju.europa.eu

But for every IT issue contact the IT helpdesk (link in participant portal). We cannot help you on IT issues!

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WHAT IS NEW? WHAT IS DIFFERENT?

KDT and ECSEL very similar!

Calls for KDT are very similar to the calls for ECSEL (in particular call 2020)!

But there are differences!!!!

READ THOSE *?! DOCUMENTS!!!**

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WE DID IT!

All information under this button!

STRUCTURE AND TOPICS

KDT JU opens 3 concurrent Calls in 2021

- **HORIZON-KDT-JU-2021-1 IA**

  - HORIZON-KDT-JU-2021-1-IA
  - HORIZON-KDT-JU-2021-1-IA – Focus Topic 1: Development of open-sources RISC-V building blocks

- **HORIZON-KDT-JU-2021-2 RIA**

  - HORIZON-KDT-JU-2021-2-RIA
  - HORIZON-KDT-JU2021-2-RIA – FocusTopic 1: Processing solutions for AI at the edge addressing the design stack and middleware

- **HORIZON-KDT-JU-2021-3-CSA** - A Pan-European chip infrastructure for design innovation

Who can participate?

The KDT JU Programme is open to any organisation that can make a contribution to the RD&I objectives of the programme. However, there are specific eligibility criteria relevant in the each KDT JU Participating State: these are listed in the KDT JU Work Programme 2021 (see below).

SCROLL DOWN V

IA Focus Topics

Development of open-source RISC-V building blocks

Overall strategy: goal to develop **RISC-V to become a widespread industry standard** alternative to today's proprietary Instruction Set Architectures (ISA). For this, RISC-V needs a **powerful ecosystem** comprising technology, business models and pioneering use-case applications. Consortia should include partners to cover this entire value chain.

Details (some):

- Part of a **series of calls** (refer to tomorrow)
- Proposals need to give evidence of **readiness to cooperate with and provide clear inputs** to future RISC-V actions and/or initiatives
- Selected actions will be implemented as '**linked actions**', i.e. they are linked with other actions selected under 'RISC-V' topics in this call and future calls.
- Proposals for this call will develop RISC-V **compliant IP blocks**. Certain IP blocks may be proprietary solutions; however, a large share of developed building blocks provided with **a permissive open-source licence** is preferred. All developed blocks must come with **publicly available documentation, benchmarks, verification suites, and validated reference designs** (including firmware/drivers, if required). One or more **demonstrators** should be built in a close to industrial environment with a number of RISC-V building blocks.
- **etc. Read the WP2021 section on this topic!**

RIA Focus Topics

Processing solutions for AI at the edge addressing the design stack and middleware

Overall strategy: need to **reinforce processors and semiconductor technology** for data processing, communication & related data infrastructure as well as **new applications of AI at the edge**.

Details:

- It is foreseen that this topic will remain, in the **next KDT calls**, a focus topic if possible at higher TRL provided sufficient progress has been made
- Development of **European processors/accelerators** for secure embedded intelligence supporting inference and machine learning in autonomous intelligent objects and AIoT (Artificial Intelligence of Things) at the edge.
- Development of **platforms and automated tools for HW/SW co-design** of edge-AI based systems including non traditional computing paradigms (e.g. neuromorphic).
- Development of **AI software algorithms and/or frameworks** and tools for dealing with sparse computing resources for edge-AI based systems.
- **Encouraging SMEs to participate in those developments**, in particular paying attention to the needs of SMEs, involve SMEs in project execution, and develop solutions that can be taken up and/or exploited by SMEs
- **etc. Read the WP2021 section on this topic!**

CALL DOCUMENTS

Call Documents

Access to the Call Documents via these links (also available through the Funding and Tenders Portal):

1. KDT JU Work Programme 2021
2. ECS-SRIA-2021
3. Guide for Applicants to KDT JU Calls for proposals
4. Proposal Template Model for IA and RIA Actions – KDT JU
5. Proposal Template Model for CSA Actions – KDT JU
6. Essential Information for Clinical Studies (only for proposals including clinical studies)
7. Evaluation Form IA an RIA Actions – KDT JU
8. Evaluation Form CSA Actions – KDT JU
9. KDT PAB Decision on evaluation and selection procedures
10. Model Grant Agreement
11. Rules for Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment
12. EU Grants AGA — Annotated Model Grant Agreement

For reference:

- KDT-JU Regulation of Establishment
- KDT PAB Decision on KDT-JU Calls 2021
- HE Programme Guide
- HE Framework Programme and Rules for Participation Regulation 2021/69
- HE Specific Programme Decision 2021/764

- WHO CAN PARTICIPATE?
- CALL DOCUMENTS
- UPDATES
- DEADLINES
- GENERAL CALLS INFORMATION
- BUDGET
- COLLABORATION TOOL
- GUIDELINES / CALLS HELPDESK

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Check the HE information on the portal!

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UPDATES

Updates

Date	Change
21/01/2022	The KDT JU Work Programme 2021 has been updated with information about the national eligibility rules for IT (MUR) (pages 98-101) and ES (MINAETD, AEI) (pages 125-132); a clerical error copy/paste was corrected in the sections "Artificial Intelligence" and "Connectivity" (pages 18 & 33); the national budgets table has been updated for IT(MUR), EL and SE (page 16)
21/01/2022	The complex funding rates of IA and RIA KDT JU calls 2021 and the limitations of the submission system resulted in the fact that the **funding rates of the large enterprises (for profit not SMEs)** are not adequately integrated in the JU/EU Budget table in the Part A. Consequently, these organizations need to calculate their JU/EU Funding as **instructed in the Guide for Applicants** (examples for each Call/topic are presented). Similarly, the **National Budgets/Funding Table** are not anymore integrated into the Part A (as it was the case in the past for the ECSEL JU) and it **needs to be uploaded as a separate xls file** in the dedicated place holder in the submission tool. More details /instructions **are provided in the Guide for Applicants** The Part C are now named **National Part in the submission tool** to avoid confusion with the Part C (dynamic forms) used by other programmes. More **details** are **provided in the Guide for Applicants**
19/01/2022	The **"Guide for Applicants to KDT JU Calls for proposals"** and the **"Template Model National Budgets Table"** are now available
18/01/2022	The submission sessions in the Funding and Tenders Portal are now available (submission tools opened) for all KDT JU Calls 2021

- WHO CAN PARTICIPATE?
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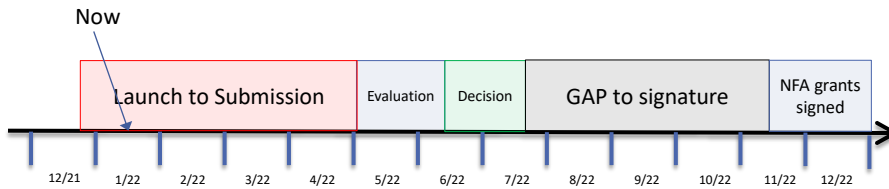- COLLABORATION TOOL
- GUIDELINES / CALLS HELPDESK

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SCHEDULE

Deadlines

ONE PHASE!!

All Calls 2021 will be single-stage calls with submission of Full Project Proposal (FPP)

- **Publication date: 16 December 2021**
- **Opening date of the submission tools in the Funding and Tenders portal (estimated): 18 January 2022**
- **Deadline (FPP proposals): at 17:00:00 Brussels time on 27 April 2022**

- **Evaluation mid June**
- **Selection mid July then GAP**
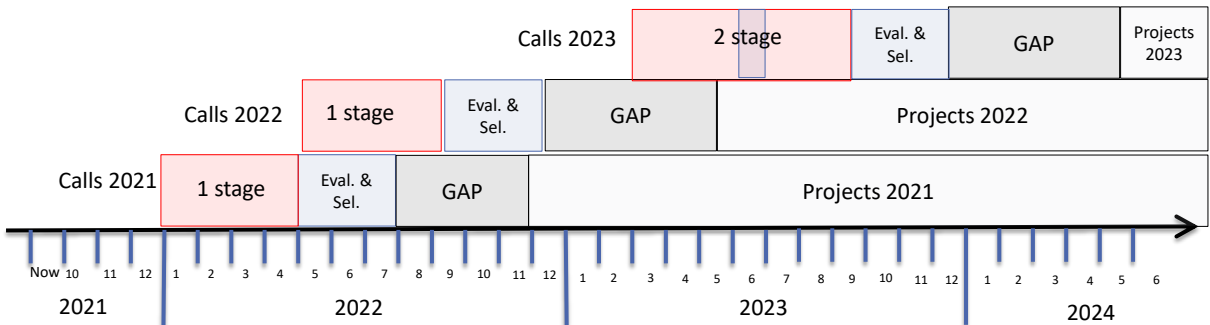- **Signature of grant agreement before end of year!**

S C R O L L D O W N v

Now

| Launch to Submission | Evaluation | Decision | GAP to signature | NFA grants signed |

12/21 1/22 2/22 3/22 4/22 5/22 6/22 7/22 8/22 9/22 10/22 11/22 12/22

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UPCOMING CALLS

Caveat: no decisions yet for calls 2022 and calls 2023
Call 2022: possibly with CFMC, larger budget than call 2021
Call 2023: 2 stage

Calls 2023 | 2 stage | Eval. & Sel. | GAP | Projects 2023 |

Calls 2022 | 1 stage | Eval. & Sel. | GAP | Projects 2022 |

Calls 2021 | 1 stage | Eval. & Sel. | GAP | Projects 2021 |

Now 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6
2021 2022 2023 2024

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READY? GO!

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HOW TO PARTICIPATE?

https://aeneas-office.org/collaboration/ecs-tool/

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KDT CALL 2021: OTHER CHARACTERISTICS

- Major challenges according to ECS SRIA 2021
- Conditions are very similar to the ECSEL calls 2020 (page limits, sizes, etc.)
- EU funding rates very similar to ECSEL except for SMEs (see next)
- National funding shall be commensurate to the EU funding rates
- EU budget maximum 208 million Euro
- Total national budget 161 million Euro
- KDT encourages projects of all sizes! Small projects are certainly welcome.

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EU FUNDING RATES

Type of beneficiary	IA	IA Focus Topic	RIA	RIA Focus Topic	CSA
Large Enterprise	20 %	25 %	25 %	25 %	100 %
SME	30 %	35 %	35 %	35 %	100 %
University/Other (not for profit)	35 %	35 %	35 %	35 %	100 %

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EU ESTIMATED EXPENDITURE FOR THE CALLS 2021-1 TO 2021-3

Action		Estimated EU Expenditure (M€)
Call 2021-1 IA	General according to SRIA 2021	108.0 M€
Call 2021-1-IA-Focus Topic	Development of open-source RISC-V building blocks	20.0 M€
Call 2021-2 RIA	General according to SRIA 2021	50.0 M€
Call 2021-2-RIA-Focus Topic 1	Processing solutions for AI at the edge addressing the design stack and middleware	20.0 M€
Call 2021-3-CSA	A Pan-European chip infrastructure for design innovation	10.0 M€
	Total	208.0 M€

NATIONAL BUDGETS

National Budgets and the EU estimated expenditure for the Calls 2021-1, 2021-2 and 2021-3.

EPS	Call 2021-1 IA	Call 2021-2 RIA General	Call 2021-2 RIA Focus Topic 1	Call 2021-1 IA Focus Topic 1	Total (M€)
AT					6.0
BE					14.0
BE-WL					0.4
BG					
CY					
CZ	1.25	1.25	0.25	0.25	3.0
DE					20.0
DE Thuringia					1.2
DK					2.0
EE					0.0
EL					2.0
ES AEI					3.0
ES MAETD					9.0
FI					7.0
FR					30.0
HR					
HU					2.0
IE					2.0
IL					3.5
IS					
IT MISE					10.0
IT MUR					3.4
LT					
LV					0.6
LU					3.0
MT					
NL (1)					25.0
NO					2.0
PL					1.5
PT					2.0
RO					
SE					3.0
SK					0.8
SL					
TR					6.0
Total					162.4

IMPORTANT DIFFERENCES WITH ECSEL CALLS

- EU Funding Rates in the Budget table (EU Budget/EU Funding) in the Part A
- National Budgets Table
- National Part (previous Part C)

(detailed instructions in the Guide for Applicants)

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FUNDING RATES IN THE BUDGET TABLE IN PART AB

Due to limitations of the submission tool the funding rate of the large enterprises is not taken into account in the budget table of the Part A. Therefore, the large enterprises need to check the funding rates they are entitled to in the Work Programme, calculate the EU Funding/contribution outside the portal and fill in the calculated amount in the budget table in the column named "**Requested EU contribution to eligible costs**"

An example provided below for a large enterprise (LE) participating to the IA call – funding rate 20%; portal indicates 30% (which is for SMEs only). Large enterprise calculates 20% of the total eligible costs and introduces manually the amount in the "Requested EU contribution to eligible costs"

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FUNDING RATES IN THE BUDGET TABLE IN PART AB

NATIONAL PART (KNOWN ALSO AS PART C)

The previous Part C are now named **National Part and have a dedicated Place Holder** for each of the KDT JU Participating State that request such an annex.

Instructions about these annexes are provided in the Annex 3 of the Work Programme of the respective Participating States.

(The name changed in order to avoid the system blockages due to confusion with the Part C which is now dedicated nomenclature in some Horizon Europe programme (dynamic forms which are automatically checked by the system every time a "Part C" name appears.)
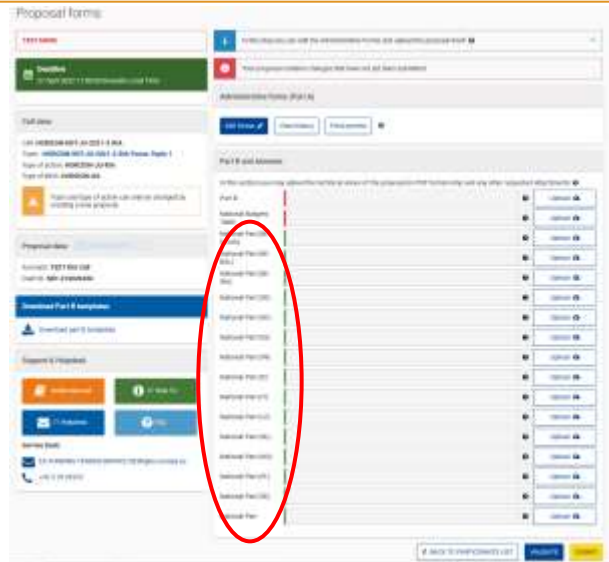
NATIONAL BUDGETS TABLE

(Due to limitations of the submission tool the table for the national funding (eligible costs according to the national rules and national contributions requested) is not anymore integrated in the Part A (Administrative Forms) but has to be submitted separately as am xls file which must be uploaded to the dedicated placeholder named "**National Budgets Table**")

The template is provided in the "**Download Part B template**" tab together with the Part B template (**as a zip file which includes the xls template for the National Budgets Table and the rft template for the Part B**)

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QUESTIONS ?

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