

# KDT JU CALL 2021

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Brokerage Event 18 January 2021



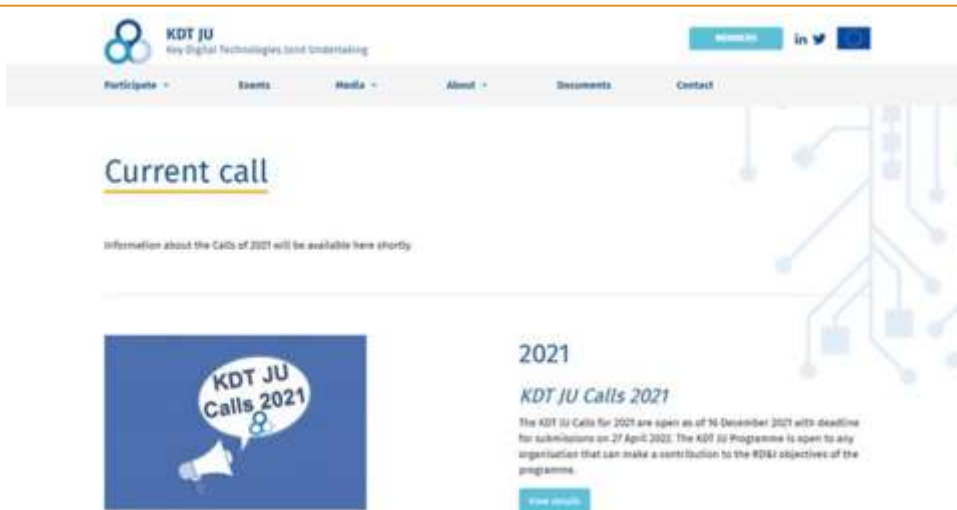
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1

1

## WE DID IT!



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2

2

## A WORD OF CAUTION ON THE FIRST KDT CALL

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Check regularly our call website under the KDT website:

[www.kdt-ju.europa.eu](http://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](mailto: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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3

## WHAT IS NEW? WHAT IS DIFFERENT?

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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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4

4

# WE DID IT!

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## Current call

Information about the Calls of 2021 will be available here shortly.

**2021**  
**KDT JU Calls 2021**

The KDT JU Calls for 2021 are open until 16 December 2021 with deadline for submissions on 27 April 2022. The KDT JU Programme is open to any organisation that can make a contribution to the R&DI objectives of the programme.

[View details](#)

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-JU-2021-2-RIA - Focus Topic 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 R&DI 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).



## 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 and 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 2021/76A

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

SCROLL DOWN

Check the HE information on the portal!



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9

9

# UPDATES

## Updates

Date	Change
12/01/2022	The KDT JU Work Programme 2021 has been updated with information about the national eligibility rules for PT (page 120) and SE (page 134-136)
22/12/2021	The KDT JU Work Programme 2021 has been updated with information about the national eligibility rules for AT (page 60) and LV (page 105-107) The Model Grant Agreement with the KDT JU specificities is now available in the Call Documents
17/12/2021	The KDT JU Work Programme 2021 has been updated with information about the national eligibility rules (funding rates) for NL (page 110)
16/12/2021	The KDT JU Work Programme 2021 has been updated with information about the national eligibility rules for CZ (pages 70-71), LV (page 104), NO (page 111-112), ES (pages 121-126) and national budgetary commitments for CZ (page 15) and LV (page 16)

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10

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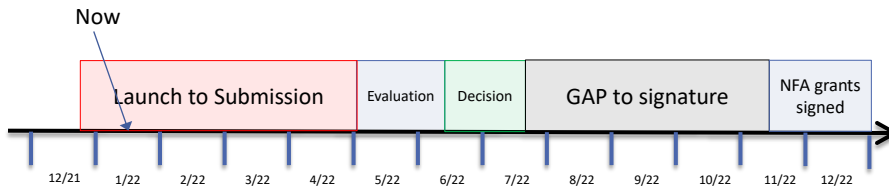
# SCHEDULE

## Deadlines

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!

ONE PHASE!!



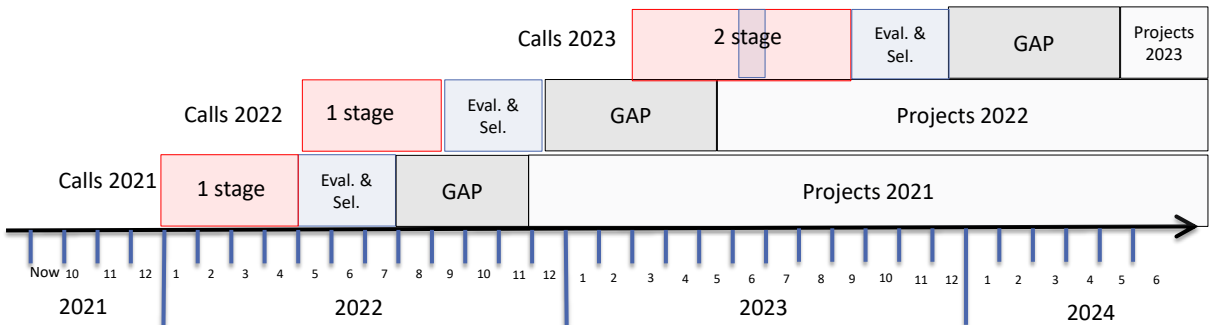
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# UPCOMING CALLS

Caveat: no decisions yet for calls 2022 and calls 2023

Call 2022: possibly with CFMC, larger budget than call 2021

Call 2023: 2 stage



# READY? Go!

## General Calls Information

To submit a project proposal, applicants must use the on-line tools provided for this purpose through its "Funding and Tenders Portal", which can be accessed through the links available on the day the Calls are opened:

- 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 0
- HORIZON-KDT-JU-2021-2-RIA
- HORIZON-KDT-JU-2021-2-RIA
- HORIZON-KDT-JU2021-2-RIA - FocusTopic 0: Processing solutions for AI at the edge stack and middleware
- HORIZON-KDT-JU-2021-3-CSA - A Pan-European chip infrastructure for design innovati

All the documents related to the KDT JU Calls for Proposals 2021 are provided for the applicants' convenience in one Calls 2021 Documents section on this web page as well as in the Calls Pages in the Funding and Tenders Portal. However, the templates (editable documents) for the proposal submission can only be downloaded from the Calls Pages in the Funding and Tenders Portal when a draft proposal is created - models (pdf files) are provided just for the applicants' information. Applicants are advised to check the Guide for Applicants to KDT JU Calls for Proposals before preparing and submitting their proposal (the Guide will become available on the calls opening date).

The screenshot shows the 'Funding & tender opportunities' page. The main content area displays details for 'HORIZON-KDT-JU-2021-1-IA'. A red arrow originates from the list item 'HORIZON-KDT-JU-2021-1-IA' in the left-hand navigation menu and points to the call title in the main content area. On the right side of the page, the text 'SCROLL DOWN' is written vertically.

TODAY = AS OF LINKS ARE ACTIVE



## HOW TO PARTICIPATE?



ECS Collaboration Tool

A networking tool for project ideas and potential partners.

INECA and AENEAS have now merged their collaborative support tools into a single on managed service: the ECS Collaboration Tool. AENEAS and INECA hereby declaration notified its creation and tool in facilitate easy information exchange within the ECS community and allow the collection and management of all relevant calls, ideas and project proposals in one place.

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



Create a project idea

Initiate a project idea in the ECS Collaboration Tool, invite partners and discuss other project ideas.



Look for a partner

Use the partner search in ECS Collaboration Tool to look for possible partners based on their expertise and invite them to join your project idea.



ECS Brokerage Event 2022

The 2022 edition of the ECS Brokerage Event will be held online on 18-19 January 2022. [More here.](#)



## 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.

## 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 %



## 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

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	0.4	0.7	0.6	0.3	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 MUIR					3.3
LT					
LV					0.6
LU					3.0
MT					
NL (1)					25.0
NO					2.0
PL					1.5
PT					2.0
RO					
SE					2.0
SK					0.8
SL					
TR					6.0
Total					161.3

## IMPORTANT DIFFERENCES WITH ECSEL CALLS

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- 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)

## FUNDING RATES IN THE BUDGET TABLE IN PART AB

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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”

# FUNDING RATES IN THE BUDGET TABLE IN PART AB

3 - Budget

No.	Name of beneficiary	Country	Role	Previous cost	Education spend	Previous costs - Travel and subsistence	Previous cost - Support	Previous costs - Other goods, works and services	Internally generated goods and services (Net cost - net accounting practices)	Interest cost	Total eligible costs	Funding rate	Maximum EU contribution to eligible costs	Requested EU contribution to eligible cost	Max grant amount	Income generated by the activity	Financial contribution	Own resources	Total estimated income	
1	Test Chamber	SK	Coordinator	21,000,000	400,000	0,000		230,000	7,000,000	11,193,000,000	6,977,000,000	35	22,991,200,000	22,991,200,000						22,991,200,000
2	Large enterprise	SK	Partner	2,000,000	450,000		100,000		70,000	629,000,000	304,900,000	30	1,801,900,000	728,000,000	728,000,000					7,200,000,000
3	State Univ	SK	Affiliated	600,000		50,000		5,000,000	30,000	141,250,000	7,924,000,000	30	22,875,000,000	2,316,750,000	2,316,750,000					22,875,000,000
4	Small Consulting firm	SK	Associated							0,000	0,000	30	0,000,000	0,000,000	0,000,000					0,000,000,000
5	Other	SK	Partner	1,000,000	10,000	2,000,000	100,000	70,000	80,000	20,900,000,000	11,600,000,000	35	18,710,000,000	1,871,000,000	1,871,000,000					18,710,000,000
TOTAL				22,600,000	860,000	2,000,000	1,200,000	5,000,000	7,000,000	194,090,000	6,977,000,000		24,466,600,000	25,112,000,000	25,112,000,000					25,112,000,000

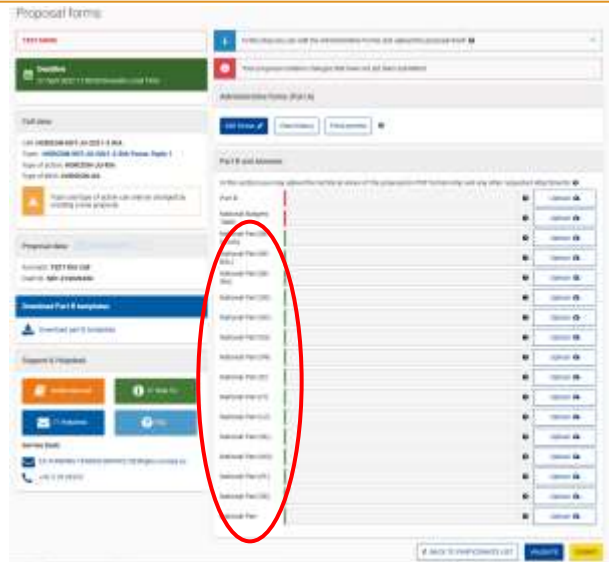
0.2 \*3,645,000.00  
20% funding rate for LE

# 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 an 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** )

## QUESTIONS ?