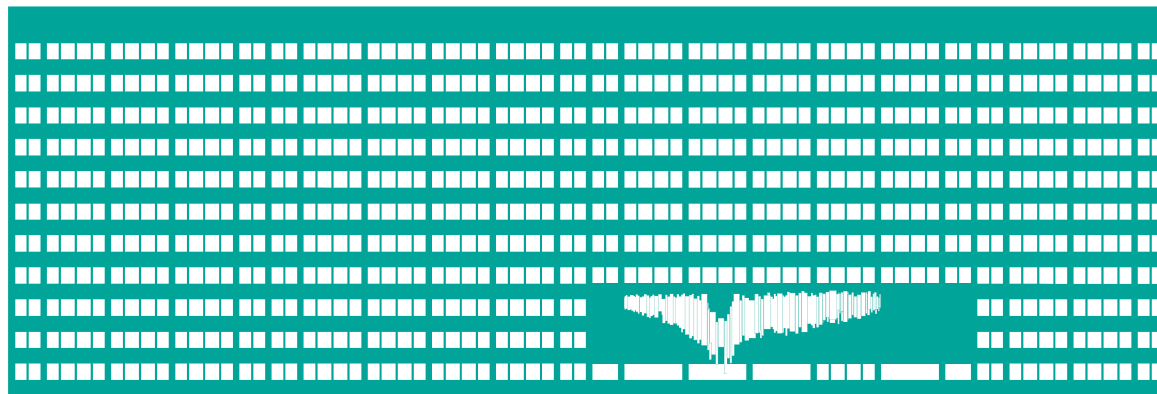


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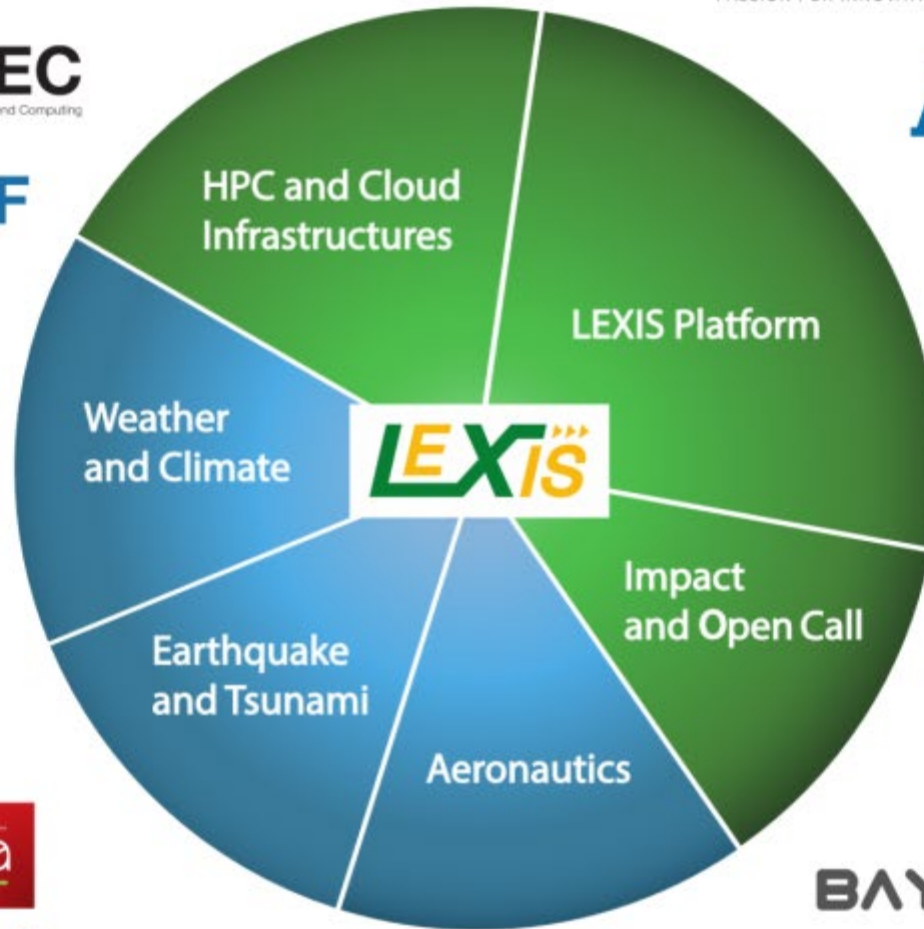
Co-funded by the Horizon 2020
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Large-scale EXecution for Industry & Society



  www.lexis-project.eu

Topic:	HPC and Big Data enabled Large-scale Test-beds and Applications
Topic identifier:	ICT-11-2018-2019
Type of action:	IA Innovation action
Scope:	11a) targeting the development of large-scale HPC-enabled industrial pilot test-beds supporting big data applications and services by combining and/or adapting existing relevant technologies (HPC/BD/cloud) in order to handle and optimize the specific features of processing very large data sets. The industrial pilot test-beds should handle massive amounts of diverse types of big data coming from a multitude of players and sources and clearly demonstrate how they will generate innovation and large value creation. The proposal shall describe the data assets available to the test-beds and, as appropriate, the standards it intends to use to enable interoperability. Pilot test-beds should also aim to provide, via the cloud, simple secure access and secure service provisioning of highly demanding data use cases for companies and especially SMEs.
Project Coordinator:	Jan Martinovič, VSB-TUO, IT4Innovations Supercomputing Center
Budget:	14,036,272.5 euro
EC Contribution:	12,218,545.5 euro
Person-months	1555 PMs (originally 1507)
Partners:	18 (originally 17)
Project duration:	January 2019 – December 2021





How We prepared LEXIS PROPOSAL – TIME LINE

- The important part of the project preparation was timeline with partial deadlines
 - Bringing a consortium together – partner became coordinator
 - Face to Face meeting / The first online preparation kick off meeting
 - Weekly teleconferences
 - Budget definition
 - Draft of important proposal sections (Excellence, Impact and Implementation)
 - The first draft of the consolidated version of the proposal
 - The version which was approved within our partner's management **two week before submission**
 - The version made ready for an internal review and proof reading
 - The final version – is to be submitted ASAP



How We prepared LEXIS PROPOSAL – writing

- **Work was split into the three main pillars and among different partners**
 - Excellence – scientific partner is benefit
 - Impact – partner with previous experience is benefit
 - Implementation “WPs section”
- A leader was chosen for the writing in each pillar
- A coordinator was responsible for the writing Implementation “management section” of the proposal – not any more in Horizon Europe
- A leader presented the status of the writing on a weekly teleconference and synchronised next steps with all partners
- **The important is to define page limits for each pillar and check it regularly**
 - Be careful not to oversize WPs section in the Implementation pillar (due to WPs)
 - Implementation section has to contain also deliverables list, milestones, risks, consortium as a whole description, etc.





How We prepared LEXIS PROPOSAL – Others

- Online collaborative tool for writing the proposal is advisable
- Online teleconference system is important
- Learn about
 - Differences of Communication, Dissemination and Exploitation
 - Data Management Plan + Open Data
- Not forgot to define appropriate project KPIs
- Important is to define External Advisory Board members



Implementation of the project

- 9 Amendments in total (Article 55 AMGA):
 - Name change of beneficiary - universal takeover, s. 358
 - Subcontract change – Article 13, s. 144
 - Adding a 3rd-party - Article 11, s. 137, Article 14, s. 150
 - Extension of project by 6M, other direct costs move to Personnel costs due to COVID-19
 - Leaving beneficiary / withdrawal of a beneficiary, redistribution of work to new beneficiaries , s. 356
 - Etc.



This table gives an **overview** of the different kinds of **third parties**:

TYPE	CHARACTERISTICS						
	Works on action tasks?	Provides resources or services for action?	What is eligible?	Must be indicated in Annex 1?	Indirect costs?	Selecting the third party	GA articles
Linked third party	YES	NO	Costs	YES	YES	Must be affiliated or have a legal link and be eligible for funding	Article 14
International partners	YES	NO	N/A	YES	N/A	Must not be eligible for funding	Article 14a
Subcontractor	YES	NO	Price	YES	NO	Must be best value for money, avoid conflict of interest	Article 13
Third party providing in-kind contribution	NO	YES	Costs	YES	YES	May not be used to circumvent the rules	Articles 11 and 12
Contractor (selling equipment, good or service)	NO	YES	Price	NO	YES	Must be best value for money, avoid conflict of interest	Article 10
Third parties receiving financial support ³³	The third parties participate in the action as recipients.		Amount of support given	YES	NO	According to the conditions in Annex 1	Article 15

³³ Only if allowed in the work programme/call.

Reporting

- Internal Reporting
 - PMs and technical report, dissemination outputs every Q
 - Finances every 6 months
 - Some partners are always delayed even after urgencies
 - General Gathering telcos – twice a year
 - WP leaders telcos – every quarter
 - WP telcos weekly or bi-weekly
 - EAB, F2F meetings/telcos – travel plan changed due to COVID-19



Issues

- Change of order of deliverables – if divided into 2, then all following D must be moved in the system
- Short name changes: search in Part B (word) and replace + replace in Portal (Part A export to pdf)
- Depreciation costs – equipment purchased later – lower sum to charge to project
- Some amendments requested retroactivity - confirmed
- 3rd parties must be added to the special table in Part B Section 4.2, enumerate
- External Advisory Board – very hard to not overload EAB due covid restrictions to travel – we have to prepare a special model of presentations to them
- Deliverables – delivery to EC usually on time, not all partners the same effort
- Unfavourable timing of Progress report delivery – depends on the project start day, we had it during the summer holidays
- 1. RP – online review 15.7.2020 - requested to explain:
 - low and high rate of some partners
 - expensive purchase



Positive experience

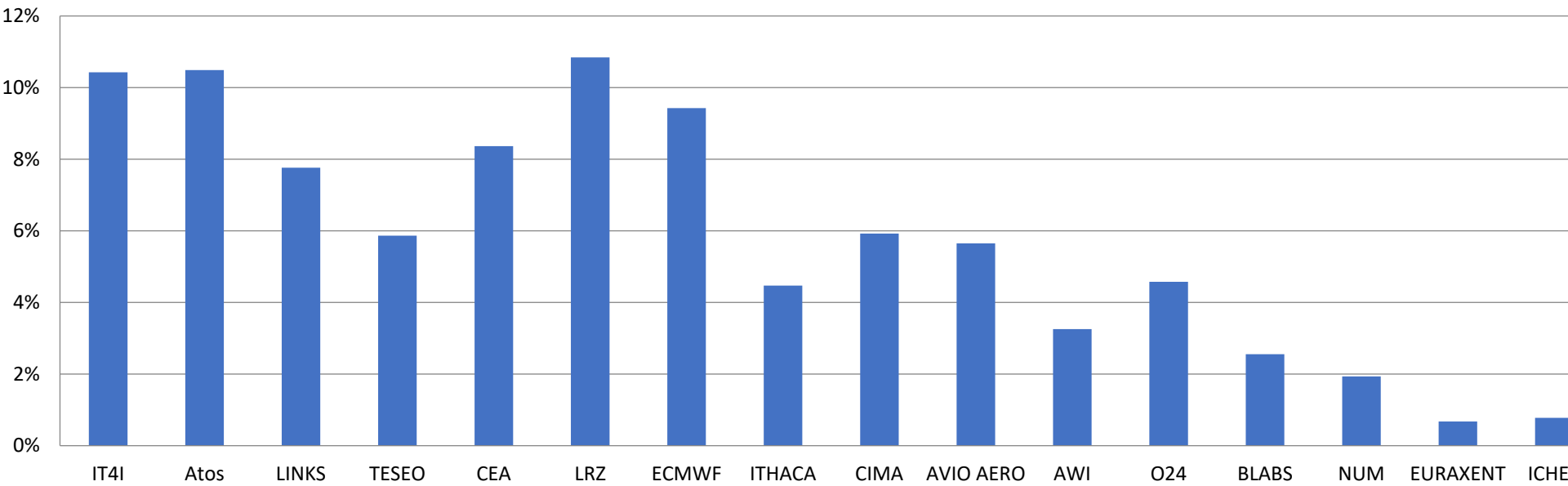
- Communicative Project Officer – 3 different POs
- Open to discuss amendments
- Solid partners are a stabilising aspect of the project
- Successful review in M18:
 - 2 days before - rehearsal online
 - 3 months before - face2face meeting – review deliverables EAB
 - Review with only a few questions of reviewers
 - 1 request to addition/explanation of the progress report
 - Payment received in 10 days of submitting the final Progress report



Coordination experience

- Decision to become coordinator: taken based on the call topic – we were most convenient for HPC/Cloud/BigData topic
- Consortium – some cooperations from previous H2020 projects, some new partners

Budget distribution by partner



Coordination experience in H2020

What to do differently?

- Less internal PMs reporting, e.g. effort monitoring only every 6M
- Lay bigger responsibility on the WP leaders to report their issues to coordinator

What was successful?

- Key steps - getting to know the partners in previous projects where we made good reputation
- Innovation Radar – 7 results identified in M18
 - <https://www.innoradar.eu/resultbykeyword/LEXIS>
- Administrative support - important to allocate enough person-months



Thank you 😊

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