

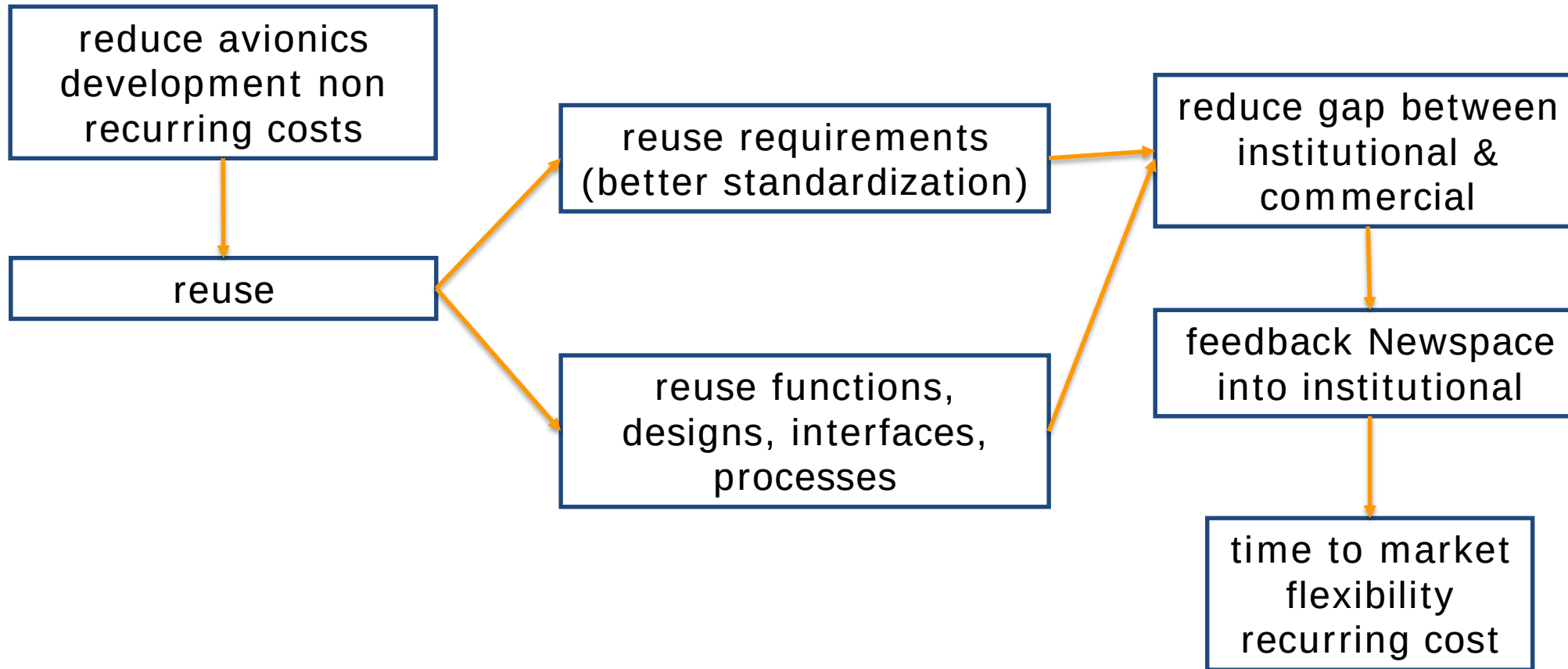


SAVOIR is INNOVATIVE  
2019: SAVOIR is USEFUL  
2018: SAVOIR is OPEN  
2017: SAVOIR is GROWING

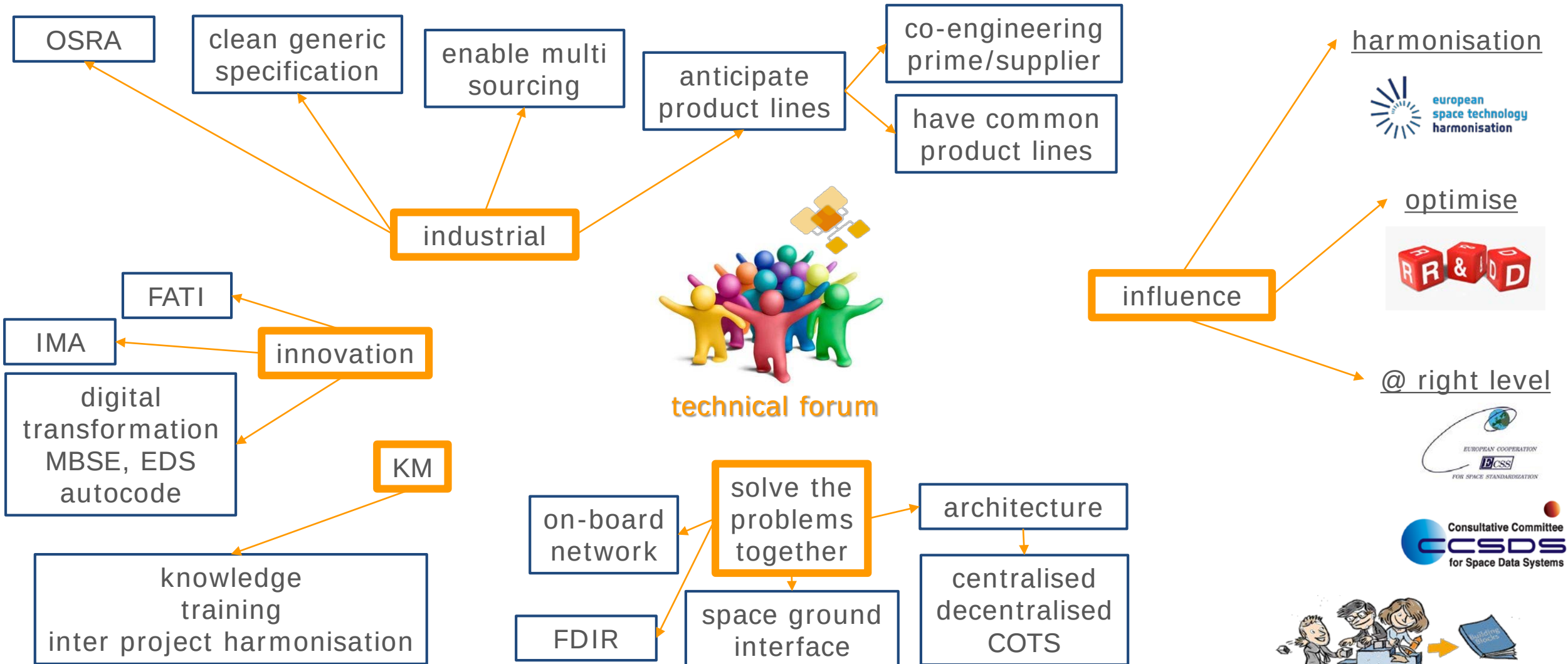
On behalf of the SAVOIR Advisory Group  
Jean-Loup TERRAILLON – ESTEC/TEC-S  
Lead Software Systems Engineer



# Fundamentals of SAVOIR



# SAVOIR is active :





*Space*  
*AVionics*  
*Open*  
*Interface*  
*aRchitecture.*



Credit Andreas Jung



# SAVOIR Advisory Group: FEDERATE

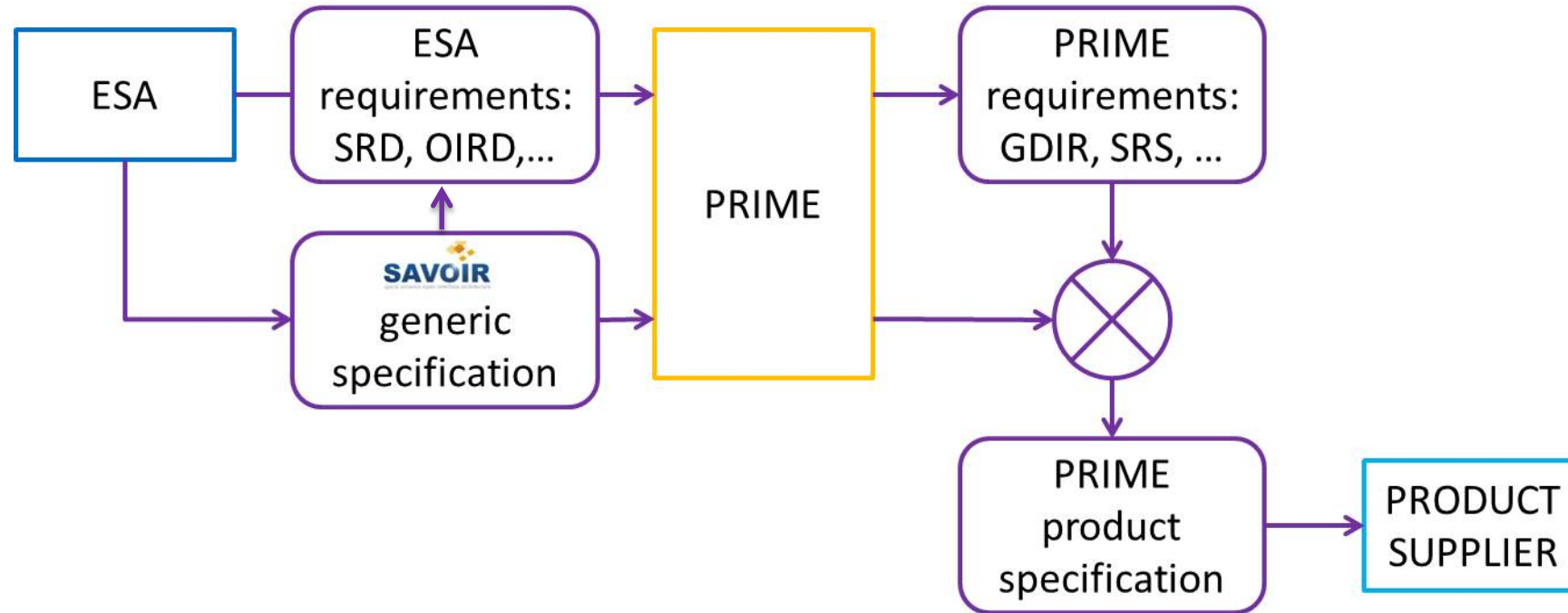




- **reference avionics architecture**
- **interface specifications**
  - **generally ECSS CCSDS**
- **functional specification**
  - **customer SRD**
  - **product specification**
- **Knowledge**
  - **Handbook, training, processes**



# Use of SAVOIR documents





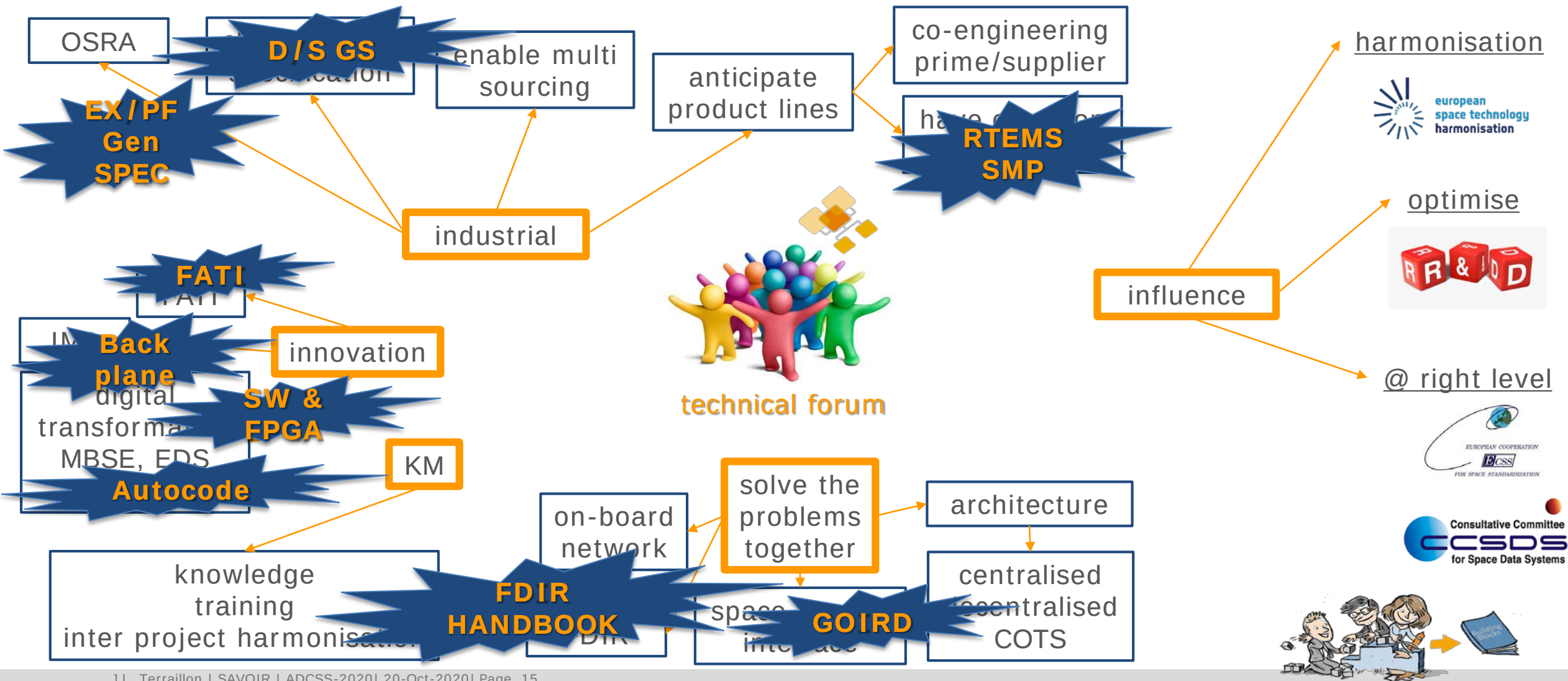
The list is intended to be up to date on:  
<http://savoir.estec.esa.int>

Available documents are released on the Esa Space  
Software Repository  
<http://essr.esa.int>

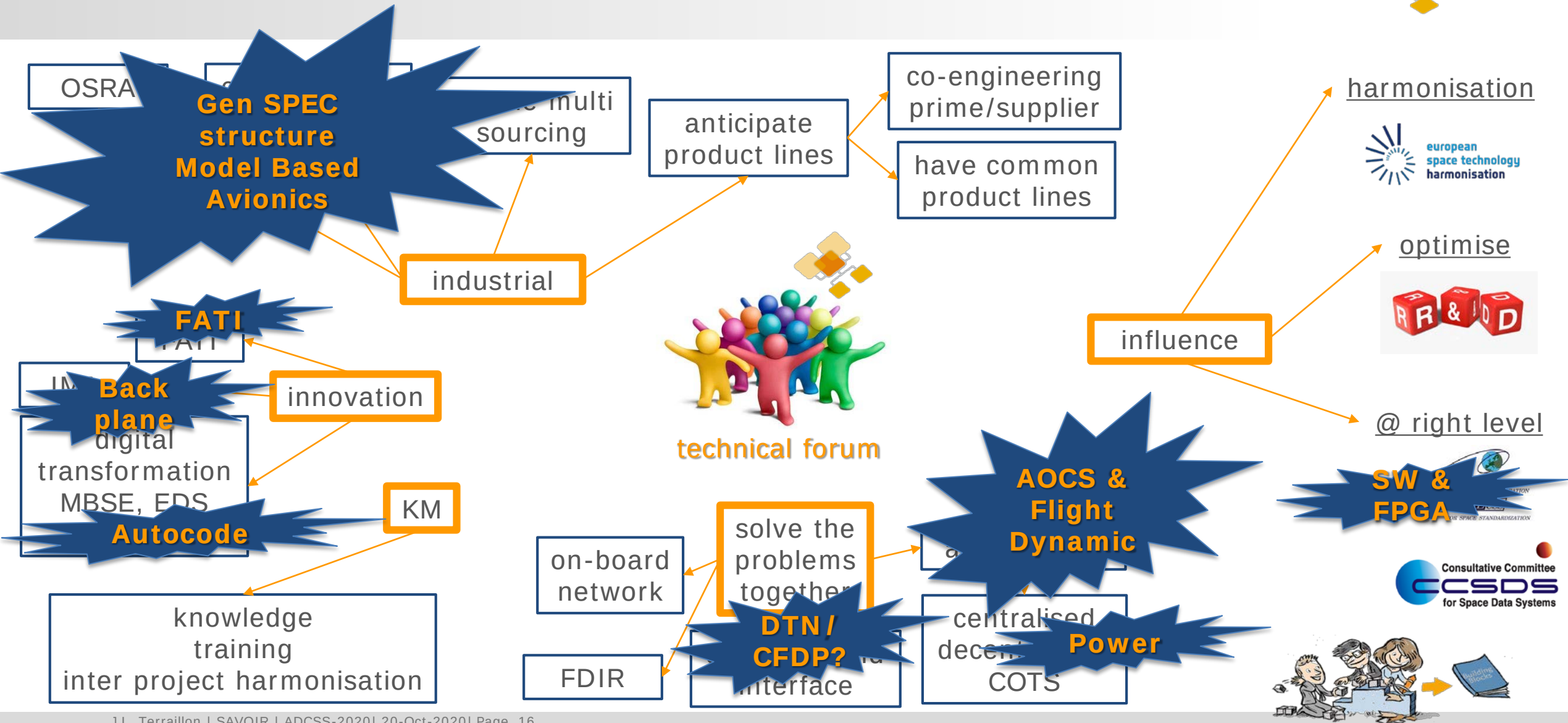




# SAVOIR has been useful in 2020



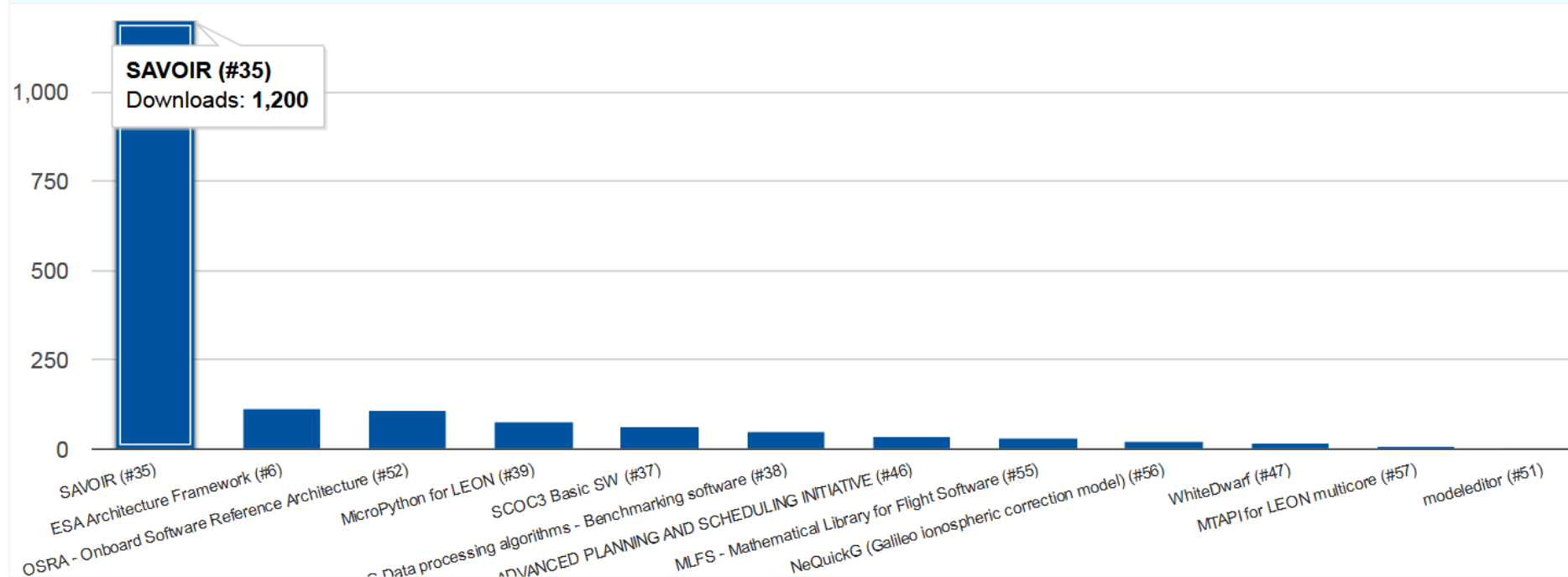
# SAVOIR will be useful in 2021





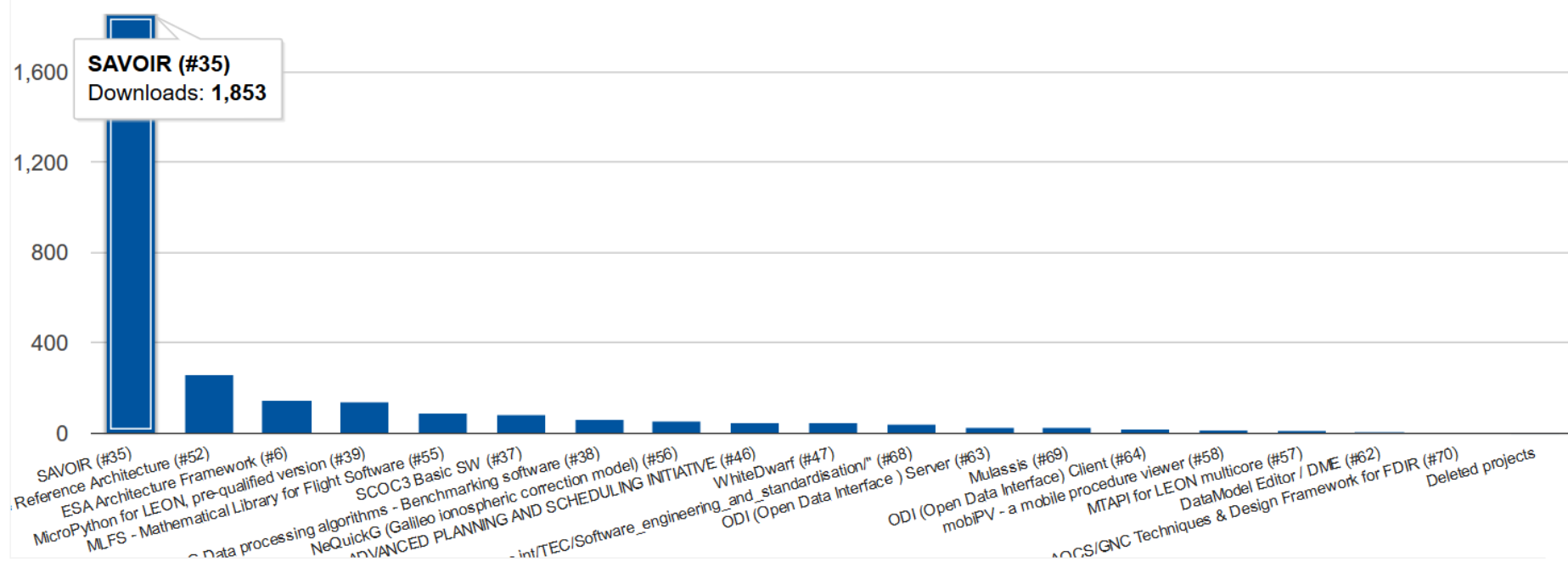
|   |                                         |     |   |     |      |     |        |       |      |
|---|-----------------------------------------|-----|---|-----|------|-----|--------|-------|------|
| — | Projects with Most Downloads - all time | MIN | 2 | MAX | 1200 | AVG | 144.42 | TOTAL | 1733 |
|---|-----------------------------------------|-----|---|-----|------|-----|--------|-------|------|

Top 20 projects with most downloads, along with the number of downloads for each.  
The figure stats (min, max, avg, total) refer only to the values represented in the graph.





Top 20 projects with most downloads, along with the number of downloads for each.  
The figure stats (min, max, avg, total) refer only to the values represented in the graph.





- SAVOIR is a continuous Harmonisation group
- producing specification, interface and guidelines
- to save cost and reduce problems with customers and partners
- to stabilize product lines
- open, useful, innovative

**Feedback:** [savoir@esa.int](mailto:savoir@esa.int)





- 11:10 AUTOCODE working group
- 11:40 Avionics-Power interface
- 12:00 FAIRE working group
- 12:30 MAS AIS working group

Lunch - carrousel

- 14:00 Electronic Data Sheet
- 14:30 CORA synthesis
- 15:00 Operability: GOIRD v1

Coffee break

- 16:00 R&D Harmonisation in 2020
- 17:00 TDE plan 2021-2022 for avionics

We change room after each break!  
(by going back to the lobby)

- **SAVOIR Status**

- **SAVOIR Activities**

- **Technology Planning**

Try the carrousel to meet people!

Ask questions to Kathleen  
at the lobby!



# Contact



Feedback: [savoir@esa.int](mailto:savoir@esa.int)  
<http://savoir.estec.esa.int>  
<http://essr.esa.int>



## SAVOIR Advisory Group:

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- Samir Bennani – ESTEC/TEC-EC
- Andrea Accomazzo – ESOC/OPS-O
- Pascale Moro – CNES
- Frank Dannemann – DLR
- Rémi Roques – AirbusDefence&Space
- Brice Delandrea – ThalesAleniaSpace
- Pamela Fröhner OHB
- Carsten Jørgensen – Terma
- Patrik Sandin – RUAG
- Damien PIOT – Sodern

