SPECIAL PROJECT PROGRESS REPORT

All the following mandatory information needs to be provided. The length should *reflect the complexity and duration* of the project.

Reporting year	20220
Project Title:	Evaluation, Tuning and Optimisation of physiography and Surface Physics Parametrizations in HARMONIE-AROME for NWP forecasting for Ireland
Computer Project Account:	SPIEBESS
Principal Investigator(s):	Geoffrey Bessardon
Affiliation:	Met Éireann
Name of ECMWF scientist(s) collaborating to the project (if applicable)	Emily Gleeson
Start date of the project:	……
Expected end date:	……

Computer resources allocated/used for the current year and the previous one

(if applicable)

Please answer for all project resources

		Previous year		Current year	
		Allocated	Used	Allocated	Used
High Performance Computing Facility	(units)			35M	0
Data storage capacity	(Gbytes)			(national allocation)	0

Summary of project objectives (10 lines max)

Testing improved land cover map with its add-on datasets in HARMONIE-AROME cycle 43 /46

Summary of problems encountered (10 lines max)

None yet

Summary of plans for the continuation of the project (10 lines max)

Starting the project during the second semester

List of publications/reports from the project with complete references

Not applicable

Summary of results

If submitted **during the first project year**, please summarise the results achieved during the period from the project start to June of the current year. A few paragraphs might be sufficient. If submitted **during the second project year**, this summary should be more detailed and cover the period from the project start. The length, at most 8 pages, should reflect the complexity of the project. Alternatively, it could be replaced by a short summary plus an existing scientific report on the project attached to this document. If submitted **during the third project year**, please summarise the results achieved during the period from July of the previous year to June of the current year. A few paragraphs might be sufficient.

The work was postponed to the second part of 2022