

	AUSTRIA		CROATIA			CZECH REPUBLIC	HUNGARY			ROMANIA	SLOVAKIA		SLOVENIA		ALADIN/LAEF
Domain															
Suite name	ALAS/ZAAL	AROM/ZAAR	HR88	HR44	HR22	CZ_OPER	ALARO/HU	LAMEPS/HU 11 members	AROME/HU	ALARO-RO	SK9	SK_OPER	SIS4	SIS4ar	LAEF
Model Version	CY36T1	CY40T1	CY38T1	CY38T1	CY36T1	CY38T1	CY38T1	CY38T1	CY38T1	CY40T1	CY36T1	CY40T1	CY38T1	CY38T1	CY36T1
Horizontal resolution [km]	4.8	2.5	8	4	2	4.7	8	8	2.5	6.5	9	4.5	4.4	4.4	11
Number of levels	60	90	37	73	37	87	49	49	60	60	37	63	87	87	45
Number of grid points	600 x 540	600x432	240x216	480x432	450x450	529x421	360x320	360x320	500x320	240x240	320x288	625x576	421x421	421x421	500 x 600
Time-step [s]	180	60	360	180	60	180	300	300	60	240	400	180	180	180	450
Coupling model	IFS (time-lagged)	IFS (time-lagged)	IFS (time-lagged)	IFS (time-lagged)	from HR88	ARPEGE	IFS (time-lagged)	PEARP system	IFS (time-lagged)	ARPEGE	ARPEGE	ARPEGE	IFS (time-lagged)	ARPEGE	IFS-ENS (time laged)
Coupling frequency [hours]	3	1	3	3	1	3	3	6	1	3	3	3	3	3	6
Assimilation															
Surface	Surface OI	Surface OI	Surface OI	Surface OI	No data assimilation	Surface OI	Surface OI		Surface OI	No data assimilation	Surface OI	Surface OI	Surface OI	analysis from SIS4	ensemble surface OI
Upper air	3Dvar	3DVar	3DVar	3DVar		BlendVAR	3DVar		3DVar		Blending	Blending	3DVAR		Breeding-Blending
Forecast runs [UTC]	00/06/12/18	00/03/06/09/12/15/18/21	00/06/12/ 18	00	06	00/06/12/18	00/06/12/18	18	00/03/06/09/12/15/18/21	00/06/12/18	00/06/12/18	00/06/12/18	00/06/12/18 03/09/15/21	00/06/12/18	00/12
Forecast range [h]	72	60	72	72	24	72/72/72/54	60/48/60/36	60	48/36/48/36/48/36/48/36	78/54/66/54	72/72/72/60	78/72/72/60	72/72/72/60	72/72/72/60	72/72
Output every [hour]	1	1	1	1	1	1	1	3		1	1	1	1	1	1
Physics	ALARO	AROME	ALARO	ALARO	ALARO	ALARO	ALARO	ALARO	AROME	ALARO	ALARO	ALARO	ALARO	ALARO	ALARO+Multi physics
Orography	mean	mean	mean	mean	mean	mean	mean	mean	mean	mean	envelope	mean	mean	mean	mean
Grid	linear	linear	quadratic	quadratic	quadratic	linear	linear	linear	linear	linear	quadratic	linear	linear	linear	quadratic
Hardware	SGI ICE-X		SGI UV 2000			NEC SX-9	IBM iDATAPLEX			IBM BLADE	IBM p755	IBM Flex System p460	SGI ICE-X		Cray XC40 (ECMWF)
Cores	4064		228			32	272			60	320	384	992		2x130104
Nodes	252		38			2	34			5	10	12	62		2x3614
CPU	Intel Sandy Bridge		Intel Xeon E5				Intel Xeon @ 2.6 GHz			Intel Xeon E5-2620@2.0Ghz	POWER7	POWER7+	Sandy Bridge E5-2670@2.6 GHz		Intel Broadwell
RAM	8 TB		3 TB			2 TB	0.7 TB			64 GB	2.56 TB	3.07 TB	2 TB		925 TB
Disk	120 TB		65 TB			118 TB	320 GB			600 GB	38 TB	162 TB	120 TB		20 PB