

EGEP

European GNSS Evolution Programme

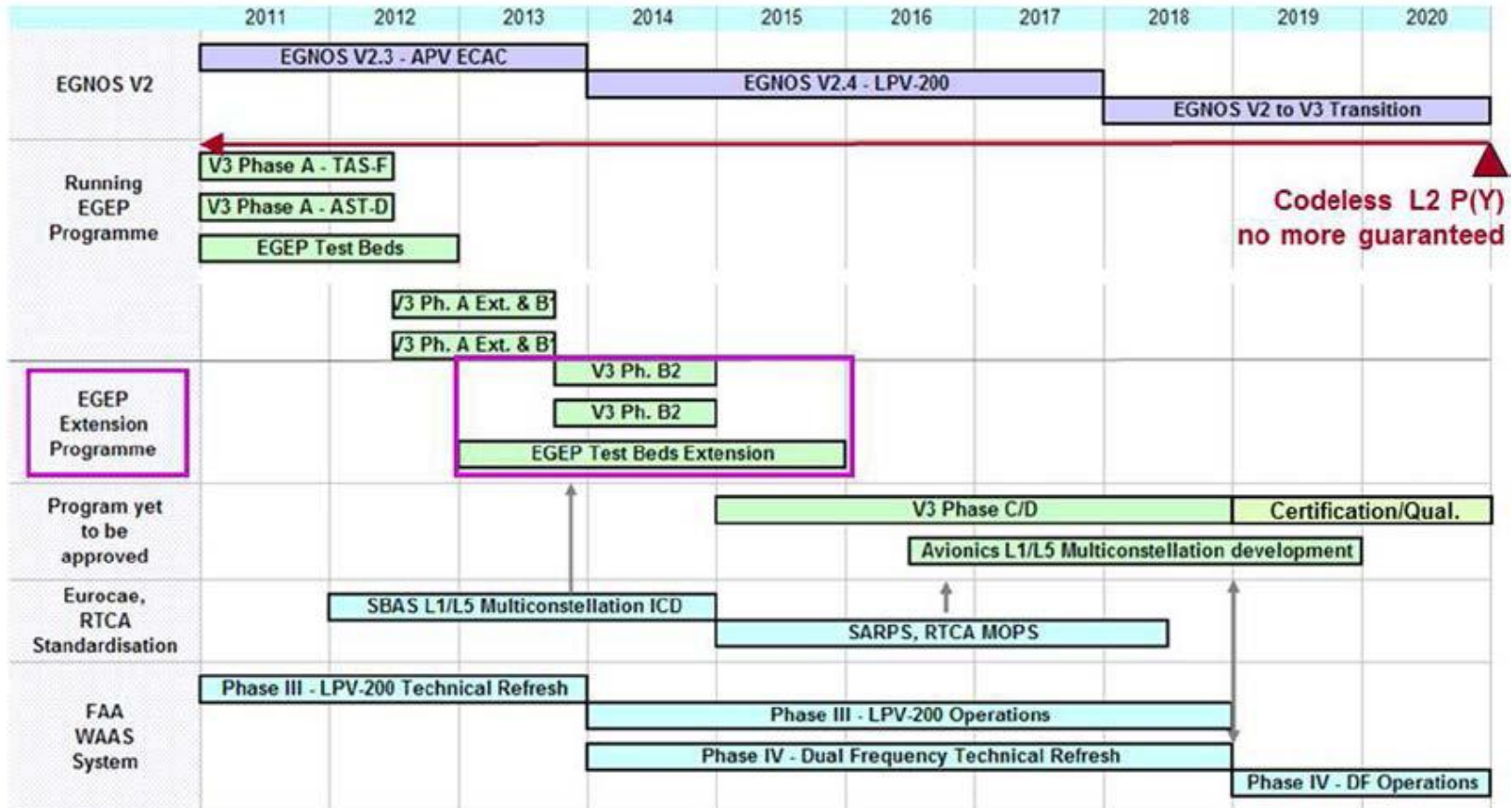
Prog. proposal : PB-NAV(2011)24, rev 1

Context

- EGEP programme = 2007-2012 with 105 M€ (ec 2006)
- Next Financial Perspective of the EU will start 2014 and end 2020, but probably not allowing for effectively placing new contracts in the field of GNSS before beginning of 2015
- Need to have a transition period to prepare the support of the EC starting 2015
- Need to have an extension of the EGEP programme for the period 2013-2015
- 2015 on : ESA role = architect, design, development and procurement
- Budget 150 M€ (ec 2012) (=133 M€ ec 2006)

Lines of Activity	2013	2014	2015	CA (M€) required	Implementation Approach
EGNOS V3:					
Procurement of Phase B2				30.0	2 parallel contracts
Galileo evolution:					
Preparation of satellite, equipment and ground segm. update for Batch 3				20.0	2 parallel contracts for O/A/B + equipment predevelopments when priorities are frozen.
Phase A/B for Batch 4 and system/segment work				20.0	2 parallel contracts for O/A/B for large platform + system work + G/S adaption studies
Testbeds:					
New testbeds for new services				8.0	Testbed complementary dev. + operations + experimentation, according to regularly approved work plan
Maintenance, Upgrade & Exploitation				7.0	
Experimentation				5.0	
Complementary act. & dev.:					
Activities & studies by the Executive				9.0	System studies and technology R&D according to regularly approved work plan
Support studies, Technnology Dev. & Implementation				24.0	
ESA internal costs				27.0	
				Total:	150.0

Schedule for implementation of EGNOS V3 and its context



Timeline for the next batches of Galileo satellites



Blue: Space Segment

Green: System

EGEP Extension

Next steps

- En 2012 : Workplan to be adopted by PB-NAV
- Adoption by the CM-ESA nov. 2012
- Begin 2013: start of the implementation