

## CFNS projectportfolio

Theme	Innovation Idea / Project Portfolio 2024(c)	Priority	Status	Remarks
<b>A. Hybrid Connectivity</b>	A1 hybrid router / smart modem development / demo			student projects, B4d
	A2 LEO satcom integration			also see B4d, → 2024/25(?)
	A3 LTE450 pilot (Utility Connect, RIVM)			Public-public cooperation RWS, UC, RIVM
	A4 Positioning, Navigation & Timing (PNT)			DGMI, starting soon!
	A5 VDES			start in 2024 by CIV/SVM, VWM, WVW(?)
<b>B. Maritime Edge</b>	B1 shared Maritime Open RAN (5G neutral host)			study+pilot (TNO), shared service (MIVSP)
	B2 optimal multipurpose grid			incl. re-allocation oil+gas , also see B4e
	B3 maritime edge cloud platform			also part of B1
	B4 fixed-mobile network integration			
	(a) RWS fiber network & LAN			A3, B1 related
	(b) National Police Operational Network (LON / UMBRELLA)			PBNI → MIVSP - TETRA/C2000(?)
	(c) other (critical) national infra networks			i.e. 450 Mhz taskforce RWS (A3)
	(d) 4/5G coverage 12 NM-zone (territorial waters)			prepared for A1, A2
	(e) NL Cable Landing Site pilot (ACLS-NL / EuroHub)			Dutch Subsea Cable Coalition
B5 Dynamic Spectrum Management & Sharing (DSMS)			3.8 – 4.2 GHz, RDI survey ongoing, C2	
<b>C. Ecosystem</b>	C1 TIP-C-Lab investigation / internationalization			
	C2 Pubic-Private Partnerships			BVLoS challenge, Dataspace North Sea
	C3 GSMA / MWC podium			CENS



Legend	Priority	Status	
	undetermined		ideation and stakeholder search
	low		concrete objectives and approach
	medium		dialogue with partners and other stakeholders
	high		in view of pick-up, funding & ownership / ongoing