

Call	TP title	Project		Contract Title	Contract Value	Coordinating Entity		
2021	Pre-Co-Normative (2021)	21NRM04	BiometCAP	Protocol for SI-traceable validation of methods for biomethane conformity assessment	€ 722 604,00	RISE Research Institutes of Sweden AB		RISE Sweden
2021	Green Deal (2021)	21GRD05	Met4H2	Metrology for the hydrogen supply chain	€ 2 399 639,88	VSL B.V.		VSL Netherlands
2021	Pre-Co-Normative (2021)	21NRM03	MEWS	Metrology for emerging wireless standards	€ 535 652,50	Laboratoire national de métrologie et d'essais		LNE France
2021	Pre-Co-Normative (2021)	21NRM02	Digital-IT	Metrology for digital substation instrumentation	€ 997 739,01	Teknologian tutkimuskeskus VTT Oy		VTT Finland
2021	Pre-Co-Normative (2021)	21NRM05	STASIS	Standardisation for safe implant scanning in MRI	€ 840 033,75	Physikalisch-Technische Bundesanstalt		PTB Germany
2021	Pre-Co-Normative (2021)	21NRM06	EMC-STD	Metrology for emerging electromagnetic compatibility standards	€ 982 187,50	Türkiye Bilimsel ve Teknolojik Arastirma Kurumu		TUBITAK Türkiye
2021	Pre-Co-Normative (2021)	21NRM01	HiDyn	Support for the standardisation of luminance distribution measurements for assessing glare and obtrusive light using high-dynamic-range imaging systems	€ 940 897,50	Physikalisch-Technische Bundesanstalt		PTB Germany
2021	Green Deal (2021)	21GRD03	PaRaMetriC	Metrological framework for passive radiative cooling technologies	€ 2 346 525,00	Istituto Nazionale di Ricerca Metrologica		INRIM Italy
2021	Green Deal (2021)	21GRD07	PlasticTrace	Metrological traceability of measurement data from nano- to small-microplastics for a greener environment and food safety	€ 2 421 343,75	Istituto Nazionale di Ricerca Metrologica		INRIM Italy
2021	Green Deal (2021)	21GRD06	MetCCUS	Metrology Support for Carbon Capture Utilisation and Storage	€ 2 128 993,75	VSL B.V.		VSL Netherlands
2021	Green Deal (2021)	21GRD04	isoMET	Metrology for European emissions verification on methane isotopes	€ 1 004 798,75	Physikalisch-Technische Bundesanstalt		PTB Germany
2021	Green Deal (2021)	21GRD02	BIOSPHERE	Metrology for Earth Biosphere: Cosmic rays, ultraviolet radiation and fragility of ozone shield	€ 1 848 500,00	Physikalisch-Technische Bundesanstalt		PTB Germany
2021	Green Deal (2021)	21GRD01	OpMetBat	Operando metrology for energy storage materials	€ 1 681 125,00	Physikalisch-Technische Bundesanstalt		PTB Germany
2021	Green Deal (2021)	21GRD10	quantiAGREMI	On farm quantification of ammonia and greenhouse gas emissions from livestock production	€ 2 265 177,84	Laboratoire national de métrologie et d'essais		LNE France
2021	Green Deal (2021)	21GRD08	SoMMet	Metrology for multi-scale monitoring of soil moisture	€ 2 504 367,50	Physikalisch-Technische Bundesanstalt		PTB Germany
2021	Green Deal (2021)	21GRD09	MetroPOEM	Metrology for the harmonisation of measurements of environmental pollutants in Europe	€ 2 326 816,25	Physikalisch-Technische Bundesanstalt		PTB Germany
2022	Research Potential (2022)	22RPT02	True8DIGIT	Towards a true 8-digit digitiser	€ 841 148,33	National Standards Authority of Ireland		NSAI Ireland
2022	Integrated European Metrology(2022)	22IEM01	TOCK	Transportable optical clocks for key comparisons	€ 2 353 250,25	Physikalisch-Technische Bundesanstalt		PTB Germany
2022	Pre-Co-Normative (2022)	22NRM04	e-TRENY	Metrology support for enhanced energy efficiency in DC transportation systems	€ 1 199 375,00	Istituto Nazionale di Ricerca Metrologica		INRIM Italy
2022	Pre-Co-Normative (2022)	22NRM05	MeLiDos	Metrology for wearable light loggers and optical radiation dosimeters	€ 1 187 287,50	Laboratoire national de métrologie et d'essais		LNE France
2022	Pre-Co-Normative (2022)	22NRM07	GuideRadPROS	Harmonisation, update and implementation of standards related to radiation protection dosimeters for photon radiation	€ 973 833,75	Säteilyturvakeskus		STUK Finland
2022	Pre-Co-Normative (2022)	22NRM01	TraMeXI	Traceability in medical X-ray imaging dosimetry	€ 1 098 530,00	Säteilyturvakeskus		STUK Finland
2022	Pre-Co-Normative (2022)	22NRM03	MethyTrucks	Metrology to support standardisation of hydrogen fuel sampling for heavy duty hydrogen transport	€ 909 458,75	RISE Research Institutes of Sweden AB		RISE Sweden
2022	Pre-Co-Normative (2022)	22NRM02	STANBC	Standardisation of Black Carbon aerosol metrics for air quality and climate modelling	€ 781 776,25	Physikalisch-Technische Bundesanstalt		PTB Germany
2022	Research Potential (2022)	22RPT04	RFMicrowave2	Development of RF and microwave metrology capability II	€ 745 331,80	Cesky Metrologický Institut		CMI Czechia
2022	Research Potential (2022)	22RPT01	TraCInd BVK-H	Traceability for indentation measurements in Brinell-Vickers-Knoop hardness	€ 577 812,50	Türkiye Bilimsel ve Teknolojik Arastirma Kurumu		TUBITAK Türkiye

2022	Research Potential (2022)	22RPT03	MultiFixRad	Improving the realisation of the kelvin by multiple fixed-point radiation thermometry	€ 889 100,00	Justervesenet	JV	Norway
2022	Integrated European Metrology(2022)	22IEM07	INFOTherm	Integrated European research, calibration and testing infrastructure for fibre-optic thermometry	€ 2 413 058,75	Physikalisch-Technische Bundesanstalt	PTB	Germany
2022	Health (2022)	22HLT02	A4IM	Affordable low-field MRI reference system	€ 2 316 376,25	Physikalisch-Technische Bundesanstalt	PTB	Germany
2022	Pre-Co-Normative (2022)	22NRM06	ADMIT	Characterisation of AC and DC MV instrument transformers in extended frequency range up to 150 kHz	€ 1 138 470,00	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2022	Health (2022)	22HLT05	MAIBAI	Developing a metrological framework for assessment of image-based Artificial Intelligence systems for disease detection	€ 1 567 947,50	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2022	Digital Transformation (2022)	22DIT01	ViDiT	Trustworthy virtual experiments and digital twins	€ 2 047 000,50	Physikalisch-Technische Bundesanstalt	PTB	Germany
2022	Digital Transformation (2022)	22DIT02	FunSNM	Fundamental principles of sensor network metrology	€ 1 915 283,50	Teknologian tutkimuskeskus VTT Oy	VTT	Finland
2022	Integrated European Metrology(2022)	22IEM02	DireK-T	Dissemination of the redefined kelvin	€ 1 675 788,10	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2022	Health (2022)	22HLT07	NEuroBioStand	Standardisation of measurements of neurodegenerative disease biomarkers	€ 1 258 955,00	Laboratoire national de métrologie et d'essais	LNE	France
2022	Integrated European Metrology(2022)	22IEM06	S-CALe Up	Self-calibrating photodiodes for UV and exploitation of induced junction technology	€ 2 324 915,00	Justervesenet	JV	Norway
2022	Health (2022)	22HLT04	MetriNo	Metrology for innovative nanotherapeutics	€ 2 449 805,00	Physikalisch-Technische Bundesanstalt	PTB	Germany
2022	Health (2022)	22HLT03	AlphaMet	Metrology for emerging targeted alpha therapies	€ 1 887 356,25	Cesky Metrologický Institut	CMI	Czechia
2022	Health (2022)	22HLT01	QUMPHY	Uncertainty quantification for machine learning models applied to photoplethysmography signals	€ 1 504 000,00	Physikalisch-Technische Bundesanstalt	PTB	Germany
2022	Integrated European Metrology(2022)	22IEM03	PriSpecTemp	Primary spectrometric thermometry for gases	€ 1 779 064,24	Physikalisch-Technische Bundesanstalt	PTB	Germany
2022	Integrated European Metrology(2022)	22IEM04	MQB-Pascal	Metrology for quantum-based traceability of the pascal	€ 2 367 477,50	Physikalisch-Technische Bundesanstalt	PTB	Germany
2022	Integrated European Metrology(2022)	22IEM05	NEWSTAND	New calibration standards and methods for radiometry and photometry after phaseout of incandescent lamps	€ 1 805 875,00	Physikalisch-Technische Bundesanstalt	PTB	Germany
2022	Health (2022)	22HLT06	GenomeMET	Metrology for genomic profiling to support early cancer detection and precision medicine	€ 1 743 375,00	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2023	Fundamental (2023)	23FUN02	CoCoRICO	Controlled confinement to reduce the inaccuracy of clocks based on optical lattices	€ 1 746 563,75	Observatoire de Paris	OBSPARIS	France
2023	Capacity Building Coordination(2023)	23CBC01	CaBuCo	Capacity building coordination	€ 1 000 000,00	Cesky Metrologický Institut	CMI	Czechia
2023	Fundamental (2023)	23FUN04	COMOMET	Fundamental physical metrology with cold molecules	€ 1 204 750,00	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2023	Fundamental (2023)	23FUN08	MetSuperQ	Metrology for superconducting qubits	€ 2 195 097,75	Physikalisch-Technische Bundesanstalt	PTB	Germany
2023	Fundamental (2023)	23FUN07	QuAHMET	Quantum anomalous Hall effect materials and devices for metrology	€ 1 983 720,54	Justervesenet	JV	Norway
2023	Research Potential (2023)	23RPT01	WAC	Wideband AC quantum traceability	€ 699 921,20	Cesky Metrologický Institut	CMI	Czechia
2023	Fundamental (2023)	23FUN05	AQunTEC	Advanced quantum technology for metrology of electrical currents	€ 2 177 326,25	Physikalisch-Technische Bundesanstalt	PTB	Germany
2023	Research Potential (2023)	23RPT02	ETraceAbs	Establishing European traceability for medical measuring devices through optical absorbance liquid filters	€ 772 125,00	Aalto-korkeakoulusäätiö sr	Aalto	Finland
2023	Fundamental (2023)	23FUN03	HIOC	High-accuracy ion-based optical clocks	€ 2 336 648,75	Physikalisch-Technische Bundesanstalt	PTB	Germany
2023	Pre-Co-Normative (2023)	23NRM05	SensMonCT II	Advanced detail sensitivity monitoring by new concepts to improve the reliability of safety relevant products using industrial computed tomography	€ 1 039 093,25	Sveučiliste U Zagrebu, Fakultet Strojarnstva I Brodogradnje	FSB	Croatia

2023	Pre-Co-Normative (2023)	23NRM01	SBS Uncert	Support for standardisation of sample-by-sample waveform uncertainty computation	€ 1 160 950,43	Physikalisch-Technische Bundesanstalt	PTB	Germany
2023	Pre-Co-Normative (2023)	23NRM02	SMURFnano	Standardised measurements of surface functionalities on nanoparticles	€ 981 537,50	Bundesanstalt fuer Materialforschung und -pruefung	BAM	Germany
2023	Pre-Co-Normative (2023)	23NRM04	NoQTeS	Normating colour-centre-based quantum sensing technology towards industrial application and standards	€ 1 174 968,75	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2023	Pre-Co-Normative (2023)	23NRM03	BioAirMet	Standardisation of bioaerosol monitoring for air quality and climate modelling	€ 1 069 273,75	Physikalisch-Technische Bundesanstalt	PTB	Germany
2023	Industry (2023)	23IND08	DI-Vision	Traceable machine vision systems for digital industrial applications	€ 2 170 000,00	Laboratoire national de métrologie et d'essais	LNE	France
2023	Industry (2023)	23IND05	H2FlowTrace	Flow measurement traceability for hydrogen in gas networks	€ 1 906 136,79	CESAME-EXADEBIT SA	Cesame	France
2023	Industry (2023)	23IND01	ENSURE	Electric energy and supply reliability	€ 2 299 430,00	RISE Research Institutes of Sweden AB	RISE	Sweden
2023	Industry (2023)	23IND02	COMET	Manufacturing of commutable calibrators and quality control materials for standardisation and post-market surveillance of IVD tests	€ 1 879 375,00	Laboratoire national de métrologie et d'essais	LNE	France
2023	Industry (2023)	23IND13	ScreenFood	Metrology for food safety in the circular economy: targeted and screening methods for contaminants in food and recycled packaging	€ 2 005 500,00	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2023	Research Potential (2023)	23RPT03	GrainMet	Metrology for standardised moisture / water content measurements in plant-origin bulk materials in support of International and European food safety and trade	€ 782 500,00	Cesky Metrologický Institut	CMI	Czechia
2023	Fundamental (2023)	23FUN06	ProMET	Fundamental protein metrology to support the definition of measurands, analytical targets, and their associated measurement uncertainty	€ 1 892 697,50	Laboratoire national de métrologie et d'essais	LNE	France
2023	Industry (2023)	23IND04	MetSuperCap	Metrology for static and dynamic characterisation of supercapacitors	€ 2 121 125,00	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2023	Industry (2023)	23IND14	xDDiff	Multidimensional optical diffusion for the measurement of appearance	€ 2 298 675,00	Conservatoire national des arts et métiers	CNAM	France
2023	Fundamental (2023)	23FUN01	PhoQuS-T	Photonic and quantum sensors for practical integrated primary thermometry	€ 2 144 594,25	Laboratoire national de métrologie et d'essais	LNE	France
2023	Industry (2023)	23IND12	ADAM	Application of Digital-Metrological Twins for emerging measurement technology in advanced manufacturing	€ 2 150 743,00	Physikalisch-Technische Bundesanstalt	PTB	Germany
2023	Industry (2023)	23IND09	MaritimeMET	Metrology for green maritime shipping: Emission control through traceable measurements and machine learning approaches	€ 2 297 106,75	Physikalisch-Technische Bundesanstalt	PTB	Germany
2023	Industry (2023)	23IND11	ThermoSI	Thermometry with embedded SI traceability for industrial applications	€ 1 477 499,50	Teknologisk Institut	DTI	Denmark
2023	Industry (2023)	23IND10	OnMicro	On-wafer microwave metrology for future industrial applications	€ 1 517 028,75	Physikalisch-Technische Bundesanstalt	PTB	Germany
2023	Industry (2023)	23IND07	RadonNET	Radon metrology: Sensor networks for large buildings and future cities	€ 2 049 191,25	Commissariat à l'énergie atomique et aux énergies alternatives	CEA	France
2023	Industry (2023)	23IND06	Met4EVCS	Metrology for electric vehicle charging systems	€ 2 129 427,66	VSL B.V.	VSL	Netherlands
2023	Industry (2023)	23IND03	RF 4 6G	RF key quantities for 6G development	€ 1 375 500,00	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Green Deal (2024)	24GRD04	SOLID-PV	Metrology to support the optimisation of large-scale efficient dependable photovoltaic systems	€ 2 947 490,79	NPL Management Limited	NPL	United Kingdom
2024	Green Deal (2024)	24GRD03	MetHIR	Metrology for harmonisation of field isotope ratio measurements	€ 2 357 625,75	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Green Deal (2024)	24GRD02	MetZeroPol	Metrology to support zero pollution from industrial emissions	€ 2 953 211,83	NPL Management Limited	NPL	United Kingdom
2024	Green Deal (2024)	24GRD10	SmartGasNet	Metrology for smart metering in gas networks	€ 1 928 691,25	VSL B.V.	VSL	Netherlands
2024	Pre-Co-Normative (2024)	24NRM01	FLASH-DOSE	Traceable dosimetry for FLASH radiotherapy	€ 1 299 904,10	VSL B.V.	VSL	Netherlands
2024	Pre-Co-Normative (2024)	24NRM02	ConcenSus	Establishing traceable concentration measurements of particles for a more sustainable industry	€ 1 299 641,25	LGC Limited	LGC	United Kingdom

2024	Pre-Co-Normative (2024)	24NRM03	MFMET II	Establishing metrology standards in microfluidic devices II	€ 1 286 592,00	Instituto Português da Qualidade, I.P.	IPQ	Portugal
2024	Green Deal (2024)	24GRD05	ELITE	Metrological infrastructure for traceable electrical insulation testing for a reliable electricity grid	€ 2 512 262,25	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Research Potential (2024)	24RPT02	MetroMag	A European infrastructure for low magnetic field metrology	€ 899 641,25	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2024	Digital Transformation (2024)	24DIT01	APULEIO	Trustworthy and quality-assured quantitative magnetic resonance imaging	€ 2 306 900,00	Istituto Nazionale di Ricerca Metrologica	INRIM	Italy
2024	Research Potential (2024)	24RPT01	ETrain	Establishing traceability routes in nuclear medicine	€ 899 998,75	NPL Management Limited	NPL	United Kingdom
2024	Green Deal (2024)	24GRD06	MetCTG	Metrology for comparable and trustworthy greenhouse gas remote sensing datasets	€ 3 233 905,00	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Green Deal (2024)	24GRD07	CryoMet	Metrology for reliable liquefied energy gases measurement	€ 2 603 846,25	VSL B.V.	VSL	Netherlands
2024	Green Deal (2024)	24GRD09	HyMetBat	Hybrid metrology for sustainable and low-carbon footprint battery materials	€ 3 488 292,50	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Green Deal (2024)	24GRD01	MetNH3Energy	Metrology to support ammonia use in emerging applications	€ 3 499 512,50	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Green Deal (2024)	24GRD11	MetroHyVe3	Metrology for hydrogen vehicles 3	€ 3 434 375,00	NPL Management Limited	NPL	United Kingdom
2024	Digital Transformation (2024)	24DIT03	A3SmartML	Automated, adaptive and uncertainty-aware smart measurements using machine learning	€ 1 950 030,81	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Digital Transformation (2024)	24DIT02	DINAMO	Digitalisation route for dimensional nanometrology	€ 2 090 186,25	Cesky Metrologický Institut	CMI	Czechia
2024	Digital Transformation (2024)	24DIT05	GridData	Metrology for reliable power grid data analytics	€ 1 815 000,00	VSL B.V.	VSL	Netherlands
2024	Digital Transformation (2024)	24DIT04	ScanClouDT	Traceability for industrial 3D digitalisation by advanced scanning systems	€ 2 378 479,00	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Communication and Impact Coordination (2024)	24CIC01	Comms4Net	Strengthening Communication and Impact for European Metrology with European Metrology Networks	€ 1 499 750,00	Physikalisch-Technische Bundesanstalt	PTB	Germany
2024	Research Potential (2024)	24RPT03	A2TM	Advancement of air temperature metrology capabilities	€ 899 683,25	Slovenský Metrologický Ústav	SMU	Slovakia
2024	Green Deal (2024)	24GRD08	GridForm	Metrology for efficient grid-forming converters to stabilise future power grids	€ 3 426 508,87	RISE Research Institutes of Sweden AB	RISE	Sweden