

4th Phosphorus in Europe Research Meeting

Lapo Braconi – ETA Florence Renewable Energies

2nd June 2021

etaflorence ***** renewableenergies

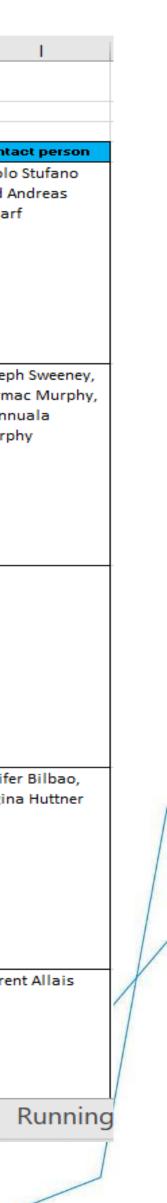
Inventory of nutrient recovery R&D projects



The Database is publicly available in ODS format on the following page of ESPP's website: https://phosphorusplatform.eu/activities/r-d-and-projects

А	В	С	D	E	F	G		A	В	С	D		E	F	G	Н	
Overview p	orojects						1 R 1	unn	ing El	U funded	l projects						
							2		0								
							3										
ESPP research project memb	pers Running EU funded projects	Running non-EU funded resea	arch Finished EU funded projects	Finished non-EU funded research			4 Acron		ull name	Project description				Funding	Website	Email	Conta
ENRICH	AFTERLIFE	ABC REACH	3R2020+	ABC PERMIT			AFTER	I	dvanced	AFTERLIFE proposes	01/09	/2017	31/08/2021		http://www.afterlife- project.eu	paolo@eggplar	_
ertimanure	AgRefine	ABONOCARE	A_Propeau	Agri4Value					iltration	a flexible, cost- and				2020, BBI-	projectica	t.it,	and Ar
ex4Bio	AgriChemWhey	AquaGreen	ABOWE	AlgalFertilizer				I	Echnologies	resource-efficient				2016-R01 -		info@eggplant.	Schart
IWE LIFE	Agriplus Hohenlohe	Amphore	ACTIVE WETLANDS	AquaEnviro UK					or the	process framed in				Valorisation		iti.	
lonGOS	AgriWasteValue	Baltic Fish	ADD-ON	ASHES					ecovery and	the zero-waste and				of the		andreas.scharf	
egasus	ALG-AD	BIOFORG	AGRI-KNOWS	AVA-CleanPhos					ater	circular economy				organic		@nova-	
hos4You	ARREAU (EIP Water, internation		AGRIFORVALOR	Bio-Ore					onversion of	approach for the				content of		<u>institut.de</u>	
Prosumer	B-FERST	Coastal Reed Project	AgriMax	BiofuelcellAPP				I	elevant	recovery and				wastewater			
QUB Phosphorus from waste		Ecosec mobile struvite reactor		BIOUREA			5	I	vastEwater	valorisation of the relevant fractions				as feedstock, contributing			
RePhoKUs	BioMonitor	ENDOFWASTEWATER	ALGAECAN	Biochar-Soil-Plant Interface Research			ΔαΒα		Disruptive	The AgRefine	01/10	/2010			https://cordis.euro	joseph.sweeney	locent
Run4Life	BIOPLAT-EU	Gypsum Initiative	ALL-GAS	BioVakka Vehmaa biogas / digestate			AgRefine	I	nnovative	integrated training	01/10	/2019			pa.eu/project/id/8		Corma
MART-Plant	Biobased Fertilisers Achterhoe		Ammonia Trapping	CLOOP					ooperative	program will				ITN-2019 -	60477	cormac.d.murp	
YSTEMIC	Biorefine Cluster Europe	Helsinki wastewater nutrient r		DemoWare				I		facilitate the				Innovative	00477	hy@ucd.ie;	Murph
etsus Phosphate Recovery		I-PHYC	ANPHOS	Denmark IRMAR project				I	(DICE)	amelioration of				Training		fionnuala.murp	
	CINDERELA	LOTUS HR	ANSWER	EDASK					ducation,	Europe's agri-sector				Networks		hy@ucd.ie	<i>'</i>
	Circular Agronomics	Manure Recycling Project	AQUA	ElPhoDia					raining and	competitiveness				Networks		ingeo de dice	
	Circular City Re.Solution	MeY4bioPP	Aquavlan	ePhos				I	kills	and environmental							
	CIRCWASTE	MoRECo	Aquemfree	ExtraPhos					evelopment	sustainability							
	City Loops	Netherlands Micronutrients fr		Ferti-Mine			6		rogramme	challenges by							
	Clamber	PARFORCE	Baltic Blue Growth	FIX-PHOS			AgriC		n integrated	Whey Permeate	01/01	/2018	31/12/2021	Horizon	https://www.agrichemw	/ info@agrichemwh	.
	CROCODILE	PhoResNet	Baltic COMPASS	Global TraPs				I	-	(WP) and De-				2020, H2020	hey.com	ey.eu,	
	C-Voucher	R2T	Baltic Deal	GOBI				I	-	lactosed Whey				BBI-JTI-2016,		ir@glanbia.com	
	DECOST DEEP PURPLE	RAHI Ras Alkalina	Baltic EcoMussel	GreenSpeed					f dairy side	Permeate (DLP) are				BBI-2016-			
		Rec Alkaline	BALTIC MANURE BALTIC PHOENIX	H2O-C2C IF2O - COOPERL					treams to	major side-streams				F01 -			
	Dry4Gas ECOSTAT Nutrient Research	Recycle4Bio REFLOW Stockholm	Baltic Slurry Acidification	IMPROVE-P				I		- of dairy processing				Valorisation			
	ELECTRA	RESTOR	BERAS	IWARC					ased	and represent a key				of by-			
	EMBRACED	RUN	BEST	KIVIREKI				c	hemicals	challenge for the				products or			
	FARMYING	SOILFOOD	BIOBIGG	KRN-Mephrec						dairy industry due				waste-			
	FertiCycle	SLUDGEFFECT	BioCannDo	MAB3			7			to a lack of				streams			
	НООР	ТҮРКІ	BioEcoSim	Manure Nutrient Calculator			Agrip	olus Hoh	henlohe	aim of increasing		en-19 (01/12/2021	EIP-agri	https://www.steinb eis-	jennifer.bilbao @steinbeis-	Jenifer Regina
	Horti-blueC	Wcycle	BIOFECTOR	Manure With Value						the efficiency of							
	Houseful		BioGreenhouse	Manuvalor						arable farming in					europa.de/agriplus	europa.de	
	HYDROUSA		BioRaEE	Meerwaarde Mest en Mineralen						the Hohenlohe					_en		
	IDESoWa		Biorefine project	MIND-P						region by nutrient						regina.huettner	e -
	iSQAPER		BioSTEP	NexCities						recovery from						@steinbeis-	
	ITERAMS		Bioteam	Normative Manure System		1				farmyard manure;						europa.de	
	KTI PyroPhos		BLOOM	Nurec4org						validation of the							
	LIFE ARIMEDA		BONUS MICROALGAE	Nutricycle						efficiency of the			1			bilbao@steinb)
	LIFE POREM		BONUS OPTITREAT	Nutrient Clearing House			8			fertilization strategy						eis-europa.de	
	LIFE Waste2NeoAlginate		BONUS PROMISE	Nutrient Cycling Ecosystem			AGRIV	NASTEV	griWasteValu	I The aim of the				INTERREG	https://www.agriw	Florent.allais@	
	LIWE		BSR WATER	Nutrient Neutral Municipality					- to	AGRIWASTEVALUE					astevalue.eu/en/w	agroparistech.	1
	Model2Bio		ByProtVal	Nutrient recovery Grødaland				I	ransform	project is the					<u>elcome</u>	1	
	NEMO		CANTOGETHER	NUTS				I	_	/ integration of							
	New C Land		CHROMIC	OCAPI					roducts and	agricultural by-	2018	0	1/01/2022			-	
	Newbies		CIRC4Life	Ochre and biochar research				n	esidues into	products and						clemence.roto	1
	Overview_projects																s F







- projects.
- It enables funders, researchers, industry to assess the state of nutrients related Research & Development.
- thus creating synergy and avoiding duplication.
- The database is living and kept up to date. If you wish to add a project to the inventory, reach out to me at lapo.braconi@etaflorence.it



228 Finished & EU Funded

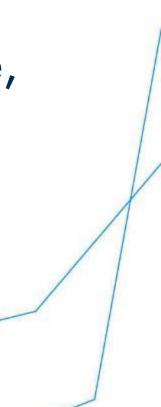
Finished & non-**EU Funded**

• Unique database: it includes not only Horizon 2020 projects, but also LIFE, INTERREG, and nationally funded

• Allows proponents of projects to spot potential partners and to double check their proposal for added value,







Database-Wide Keywords

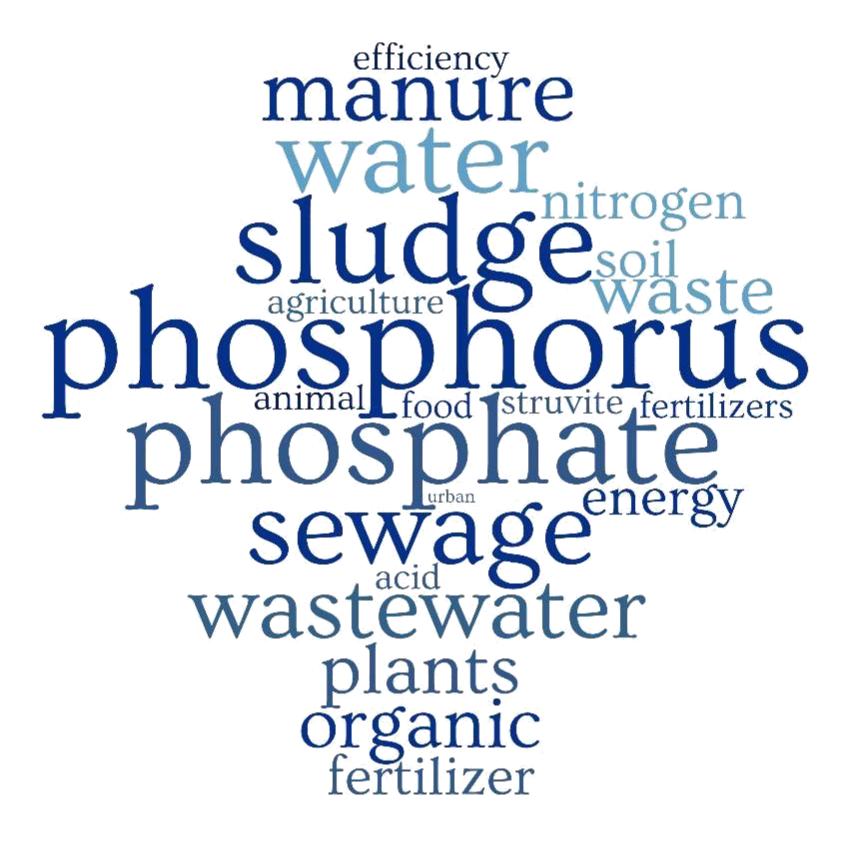
biogas biomass phosphorus efficiency Soil water food energy ors sewage waste Baltic animal agriculture sludge ener fertilisers mineral nitroger wastewater



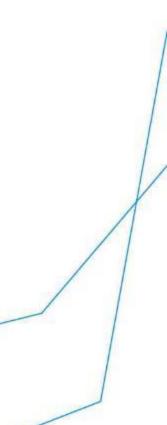
EU-Funded Projects Keywords

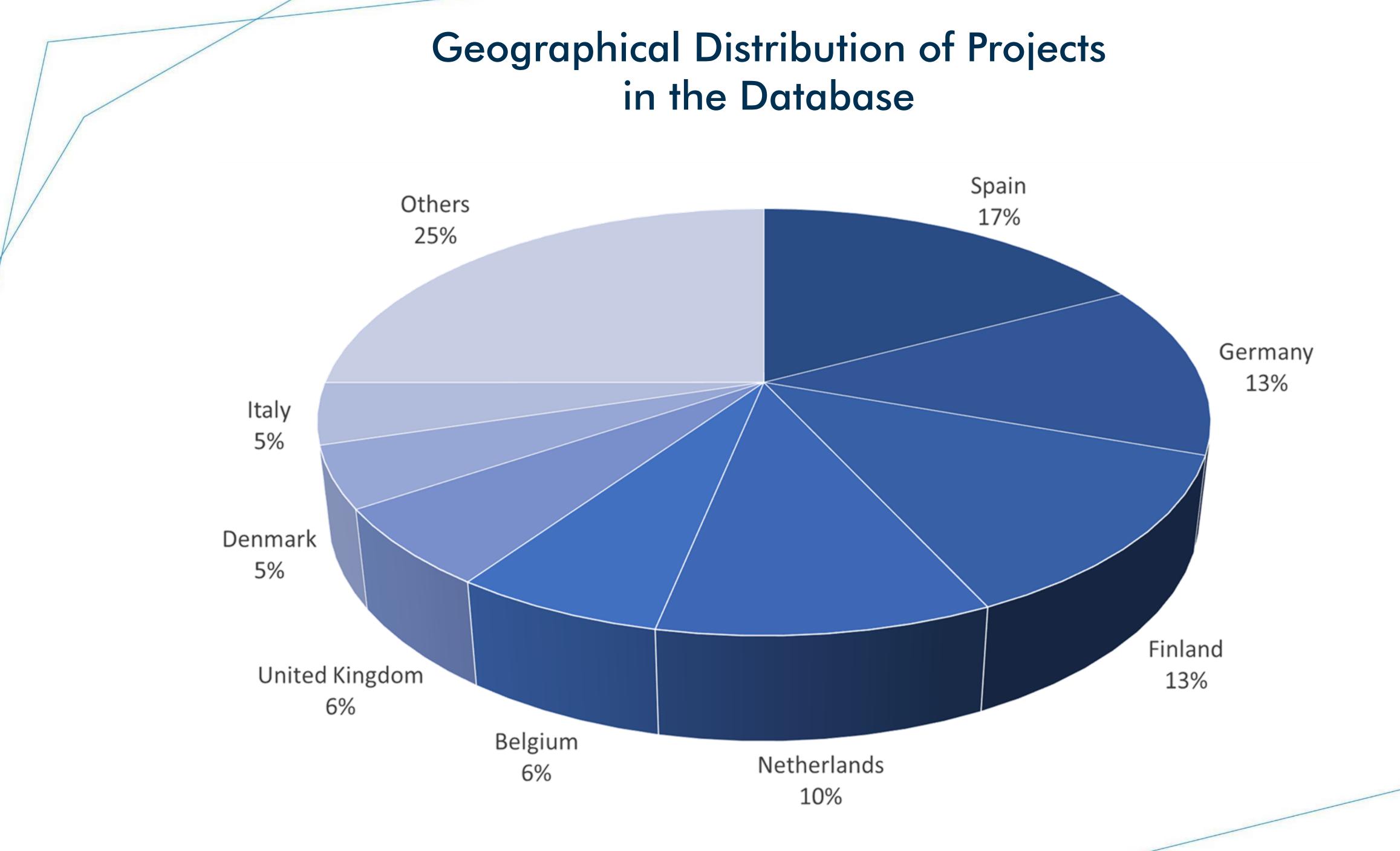
phosphorus sludge vastewater rban biomass SO manu cular sewage nitrogen efficiency plants fertilisers Sea farmers organic agricultural

Nationally Funded Projects Keywords















Thank you!

new.etaflorence.it

