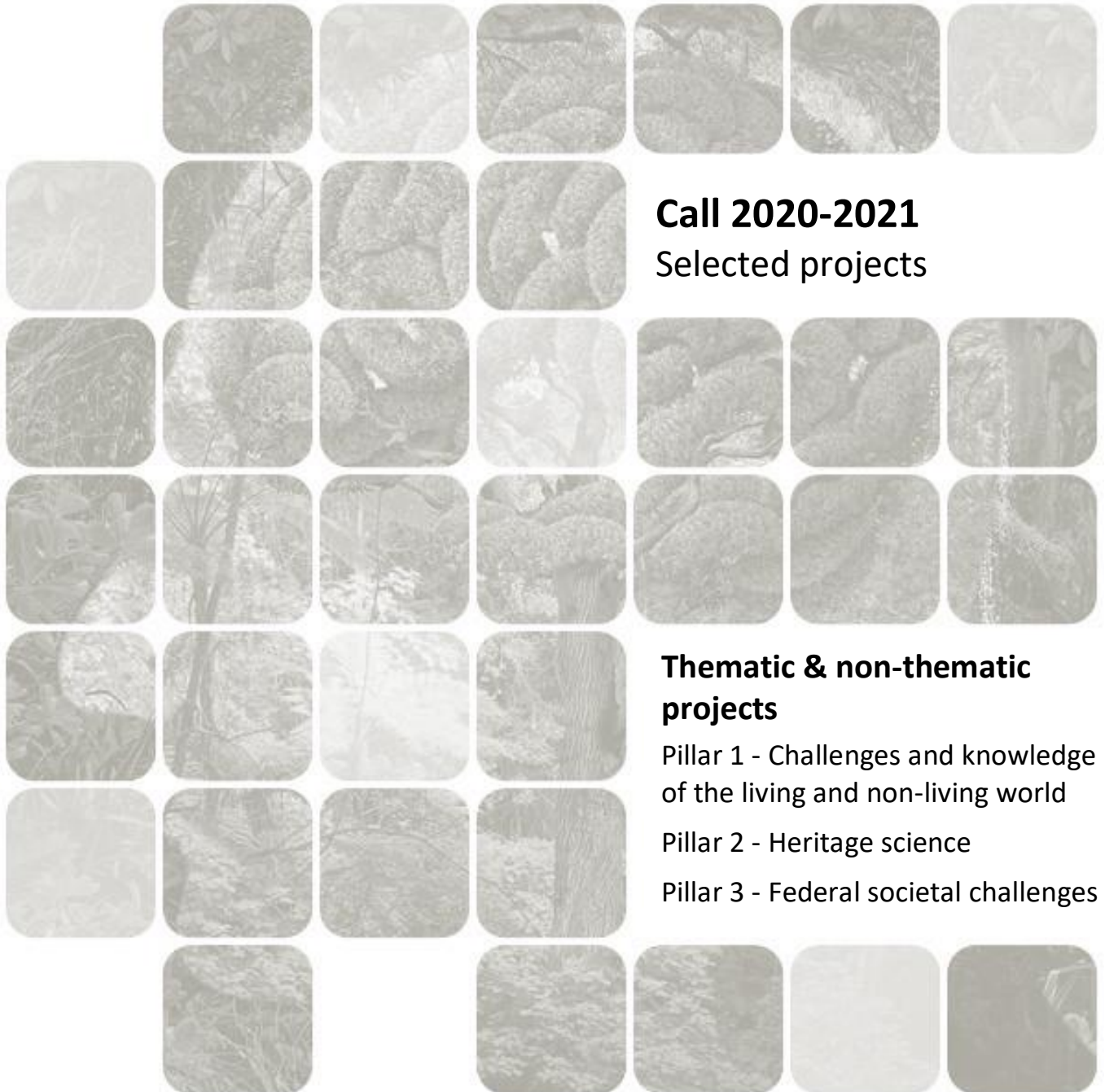


BRAIN-be 2.0

BELGIAN RESEARCH ACTION THROUGH INTERDISCIPLINARY NETWORKS - Phase 2



Call 2020-2021
Selected projects

Thematic & non-thematic projects

Pillar 1 - Challenges and knowledge of the living and non-living world

Pillar 2 - Heritage science

Pillar 3 - Federal societal challenges

Pillar 1 - Challenges and knowledge of the living and non-living world								
Acronym	Title	Duration		Institute	Name	Firstname	Budget (€)	Total (€)
BELSHAKE	Earthquake ground-motion database and modeling in Belgium	4 years	C	ORB-KSB	Vanneste	Kris	318 780	318 780
BG-PART	BioGeochemical PARTicle interactions and feedback loops on the Belgian Continental Shelf	4 years	C	IRSNB-KBIN	Desmit	Xavier	373 600	906 418
			P2	VLIZ	De Rijcke	Maarten	264 073	
			P3	UGent	Sabbe	Koen	268 745	
CRIM-BIODIV	Criminal behavior against biodiversity	2 years	C	NICC-INCC	Jonckheere	Alexia	144 900	279 456
			P	IEW	Pütz	Jean-François	134 556	
CS-MASK	Crowd-Sourced data for atmospheric Modelling At Sub-Kilometric scale	4 years	C	IRM-KMI	Termonia	Piet	321 280	321 280
DELPHI	Deep learning prediction and hindsight of flare initiation	4 years	C	ORB-KSB	Dolla	Laurent	217 680	499 969
			P	KU Leuven	Lapenta	Giovanni	282 289	
EQUATOR	Emission QUantification of Atmospheric tracers in the Tropics using ObserVations from satellites	4 years	C	IASB-BIRA	Stavrakou	Trisevgeni	271 832	271 832
HabitAnt	Past and future habitability in Antarctic lakes: succession, colonization, extinction, and survival in glacial refugia	4 years	C	UGent	Verleyen	Elie	386 977	871 394
			P2	IRSNB-KBIN	Schön	Isabelle	257 081	
			P3	ULiège	Wilmutte	Annick	227 336	
IPA	Impact of Planetary magnetisation on Atmospheric erosion	2 years	C	IASB-BIRA	Maggiolo	Romain	256 357	256 357
KEAFish	The biodiversity, biogeography and evolutionary history of the northern basins of the Great African Lakes : the enigmatic fish faunas of Lakes Kivu, Edward and Albert revisited	4 years	C	MRAC-KMMA	Snoeks	Jos	254 850	487 668
			P2	KU Leuven	Decru	Eva	0	
			P3	UAntwerpen	Svardal	Hannes	0	
			P4	IRSNB-KBIN	Van Steenberge	Maarten	200 268	
			AFR1	ISP Bukavu	Kisekelwa	Tchalondawa	16 275	
			AFR2	NaFIRRI Uganda	Okello	William	16 275	
NITROPOL-BE	Impacts of nitrogen deposition in the natural environment on pollen allergy and respiratory infection outcomes in Belgium	4 years	C	Sciensano	Aerts	Raf	254 909	1 406 185
			P2	Sciensano	Bruffaerts	Nicolas	112 645	
			P3	Sciensano	Devleeschauwer	Brecht	0	
			P4	KU Leuven	Honnay	Olivier	290 069	
			P5	UNamur	Linard	Catherine	148 263	
			P6	KU Leuven	Schrijvers	Rik	413 933	
			P7	UCLouvain	Speybroeck	Niko	186 366	
OUTFLOW	Quantifying the cOntribUTion of Fouling fauna to the Local carbon budget of an Offshore Wind farm	4 years	C	IRSNB-KBIN	Vanaverbeke	Jan	342 792	624 237
			P2	UGent	Boeckx	Pascal	97 346	
			P3	UGent	Moens	Tom	184 099	
Paradi²s	PARAsitic DIversity, vectors, host and transfers in Early Cretaceous DIinosaur-aSsociated vertebrates	4 years	C	IRSNB-KBIN	Godefroit	Pascal	243 533	738 324
			P2	UMONS	Baele	Jean-Marc	133 559	
			P3	UGent	Claerebout	Edwin	115 614	
			P4	VUB	Claeys	Philippe	245 618	

PORTAL	PhOtotrophy on Rocky HAbiTAbLe Planets	4 years	C	ULiège	Javaux	Emmanuelle	407 598	951 058
			P2	ULiège	Cardol	Pierre	216 982	
			P3	ORB-KSB	Dehant	Veronique	190 059	
			P4	ULiège	Gillon	Michaël	136 419	
			P5	ULiège	Lara	Yannick	0	
			P6	ORB-KSB	Van Hoolst	Tim	0	
			INT1	Observatoire de Genève	Martin	Turbet	0	
			INT2	FUBerlin	Noack	Lena	0	
INT3	LAB Bordeaux	Selsis	Franck	0				
REGE+	Forest regeneration under climate and environmental changes	4 years	C	UCLouvain	Jonard	Mathieu	381 766	711 035
			P2	ULiège	Ligot	Gauthier	157 788	
			P3	IRM-KMI	Van Schaeybroeck	Bert	171 481	
TANGO	Estimating Tipping points in habitability of ANtartic benthic ecosystems under GLObal future climate change scenarios	4 years	C	UGent	Vanreusel	Ann	252 972	936 636
			P2	ULB	Danis	Bruno	275 437	
			P3	ULiège	Delille	Bruno	233 943	
			P4	IRSNB-KBIN	Schön	Isa	174 284	
VERTIGO	Deciphering early stages of VERTebrate evolution: insights from long IGnored Belgian Devonian fossil Organisms	2 years	C	IRSNB-KBIN	Mottequin	Bernard	154 551	154 551
			INT1	UNIL Lausanne	Gueriau	Pierre	0	
			INT2	MNHN Paris	Janvier	Philippe	0	

Pillar 2 - Heritage science

Acronym	Title	Duration		Institute	Name	Firstname	Budget (€)	Total (€)
AHEAD	Towards the Development of a National Health Data Platform	2 years	C	Sciensano	Devleeschauwer	Brecht	283 080	283 080
BELTRANS	Intra-Belgian literary translations since 1970	4 years	C	KBR	Vandepontseele	Sophie	317 837	820 085
			P2	KU Leuven	Brems	Elke	297 877	
			P3	UCLouvain	Vanasten	Stéphanie	204 371	
CAHN	Congo-Arab Heritage in Historical Narratives	4 years	C	MRAC-KMMA	Cornelissen	Els	414 177	820 826
			P2	WHI	Lierneux	Pierre	196 660	
			P3	KU Leuven	Van Nieuwenhuysse	Karel	209 989	
CAPTEx	Towards a better appreciation of Central African Textile Masterpieces: understanding the craftwork and Preserving the collection of Textiles	2 years	C	MRAC-KMMA	Genbrugge	Siska	120 000	120 000
			P2	APM	Stoffelen	Piet	0	
Climate2Preserv	Sustainable Climate Management Strategy to Preserve Federal Collections	4 years	C	IRPA-KIK	De Bruyn	Estelle	311 173	833 538
			P2	ULg	André	Philippe	149 142	
			P3	KU Leuven	Bauwens	Geert	320 968	
			P4	MRBAB-KMSKB	Lousbergh	Maarten	52 255	
			INT1	ICCROM	Pedersoli	José Luiz	0	
FAIR-GNSS	Open data portal for European and Belgian GNSS reference station data collections, built upon FAIR guiding principles	2 years	C	ORB-KSB	Bruyninx	Carine	232 350	299 802
			P2	UGent	Van Nieuwerburgh	Inge	67 452	

FRIABLE	Valorisation and Preservation of friable medium on paper. Case Study on the collection of the Royal Museums of Fine Arts of Belgium	4 years	C	MRBAB-KMSKB	Rossi-Schrimpf	Inga	413 071	896 555
			P2	IRPA-KIK	Debry	Laura	100 670	
			P3	La Cambre	Van Geyts	Estelle	102 913	
			P4	KU Leuven	Watteeuw	Lieve	279 901	
			INT1	Rijksmuseum	Sauvage	Leila	0	
Iguanodon 2.0	Shepherding the “Belle Epoque” Bernissart Iguanodon collection into the 21st century	4 years	C	IRSNB-KBIN	Godefroit	Pascal	230 773	794 488
			P2	UMons	Baele	Jean-Marc	187 885	
			P3	VUB	Claeys	Philippe	135 869	
			P4	ULiège	Fischer	Valentin	239 961	
IHA	It Is Happening Again: Digital criminal justice archives as building blocks for the study of recidivism	2 years	C	NICC-INCC	Mine	Benjamin	441 572	441 572
InsectMOoD	Insect Museum Open -omic Database	2 years	C	MRAC-KMMA	Virgilio	Massimiliano	97 030	154 784
			P2	IRSNB-KBIN	Vangestel	Carl	57 754	
OART	Open Access Radio Telescope	2 years	C	ORB-KSB	Marqué	Christophe	349 197	349 197
ODANext	Oceanographic data acquisition: the next age	2 years	C	IRSNB-KBIN	Scory	Serge	368 127	368 127
PALc	Pre-screening of anthropogenic lime carbonates for 14C dating	2 years	C	IRPA-KIK	Boudin	Mathieu	163 800	174 300
			P2	KU Leuven	Elsen	Jan	10 500	
PARDONS	Topographies of Pardon Tales: Contextual Mapping of Pardon Letters in the Southern Low Countries, 15th-17th c.	4 years	C	AGR-ARA	Put	Eddy	307 585	860 445
			P2	KU Leuven	Cools	Hans	212 418	
			P3	UCLouvain	Rousseaux	Xavier	340 442	
			P4	KU Leuven	Soen	Violet	0	
PROMATECH	Production, Materials and Techniques of Copper Alloy Alms Basins in Northern Europe (15th - 17th centuries)	2 years	C	MRAH-KMKG	Balace	Sophie	233 895	314 620
			P2	ULiège	Strivay	David	80 725	
SEISMOSTORM	Making Analog Seismograms FAIR to Enable Research	2 years	C	ORB-KSB	Lecocq	Thomas	209 479	409 850
			P2	ULB	Debeir	Olivier	200 371	
			INT1	UBO Brest	Arduin	Fabrice	0	
			INT2	Universität Hamburg	Hadzioannou	Céline	0	
SmartwoodID	Smart classification of Congolese timbers: deep learning techniques for enforcing forest conservation	4 years	C	MRAC-KMMA	Beeckman	Hans	228 217	249 217
			P2	ULg	De Mil	Tom	0	
			P3	MRAC-KMMA	Hubau	Wannes	0	
			P4	UGent	Van den Bulcke	Jan	21 000	
			P5	UGent	Verwaeren	Jan	0	
WOMENEXILE	Gendering Political Exile: Women’s political migrations to Belgium (1918-1958)	4 years	C	AGR-ARA	Amara	Michaël	192 721	512 514
			P2	UAntwerpen	De Smaele	Henk	164 354	
			P3	ULB	Vanderpelen	Cecile	155 439	

Pillar 3 - Federal societal challenges								
Acronym	Title	Duration		Institute	Name	Firstname	Budget (€)	Total (€)
@ntidote 2.0	Cyberviolence: defining borders on permissibility and accountability	2 years	C	UAntwerpen	Walrave	Michel	174 037	457 557
			P2	ULiège	Franssen	Vanessa	179 562	
			P3	ULiège	Mathys	Cécile	1 312	
			P4	UAntwerpen	Van De Heyning	Catherine	101 334	
			P5	USL-B	Vrielink	Jogchum	1 312	
BESWEP	The Belgian Short-time Work scheme: Economic and Psychological impacts	4 years	C	UCLouvain	Dejemeppe	Muriel	168 712	646 495
			P2	UGent	Cockx	Bart	148 431	
			P3	KU Leuven	De Cuyper	Nele	86 929	
			P4	KU Leuven	De Witte	Hans	86 929	
			P5	UCLouvain	Stinglhamber	Florence	155 494	
			INT1	Sciences Po Paris	Cahuc	Pierre	0	
EPIBEL	EPidemics and Inequalities in BELgium from the Plague to COVID-19: what can we learn about societal resilience?	4 years	C	UAntwerpen	Soens	Tim	203 025	841 788
			P2	UGent	Devos	Isabelle	241 053	
			P3	UCLouvain	Eggerickx	Thierry	198 855	
			P4	UAntwerpen	Greefs	Hilde	198 855	
FUTURES4FOOD	Connecting futures and stakeholders of food systems by designing effective transition trajectories	4 years	C	KU Leuven	Vandamme	Anne-Mieke	395 971	1 140 806
			P2	UCLouvain	Baret	Philippe	267 884	
			P3	KU Leuven	Mathijs	Erik	298 102	
			P4	Flanders Business	Van Looy	Bart	178 849	
HELICON	Unravelling the long-term and indirect health impact of the COVID-19 crisis in Belgium	4 years	C	Sciensano	Devleeschauwer	Brecht	456 310	1 021 815
			P2	UGent	De Smedt	Delphine	362 164	
			P3	VUB	Gadeyne	Sylvie	203 341	
			P4	UCLouvain	Speybroeck	Niko	0	
IPV-DACOVID	Intimate Partner Violence: During and After COVID	2 years	C	ULiège	Glowacz	Fabienne	216 242	718 142
			P2	VUB	Coene	Gily	165 884	
			P3	ULiège	Fallon	Catherine	141 514	
			P4	NICC-INCC	Vanneste	Charlotte	194 502	
LAMARTRA	Bridging decarbonization and labour market in sustainability transitions	4 years	C	ULB	Bauler	Tom	402 149	1 063 029
			P2	ULiège	Delvenne	Pierre	149 784	
			P3	UCLouvain	Ferreras	Isabelle	298 052	
			P4	KU Leuven	Lenaerts	Karolien	172 683	
			P5	IWEPS	Sebastien	Brunet	40 361	
REFUFAM	From policy gaps to policy innovations. Strengthening the well-being and integration pathways of refugee families.	4 years	C	UGent	Vandvoordt	Robin	344 291	1 298 276
			P2	UGent	Beeckmans	Luce	122 110	
			P3	UCLouvain	Berger	Mathieu	285 661	
			P4	UGent	Desmet	Ellen	235 956	
			P5	Odisee	Geldof	Dirk	310 258	

REGUIDE	REGUIDE - A Holistic, Restorative and Gendered approach to Guide Returnees to their Home country	4 years	C	VUB	Lechkar	Iman	389 515	1 002 092
			P2	NICC-INCC	Detry	Isabelle	291 344	
			P3	KU Leuven	Fadil	Nadia	284 606	
			P4	USL-B	Vrielink	Jogchum	36 627	
JPI Climate - Call SOLSTICE								
202CM	Overcoming Obstacles and Disincentives to Climate Change Mitigation: A cross-cutting approach by human and social sciences	3 years	C	UCLouvain	Catellani	Andrea	249 900	249 900
			P	UCLouvain	Collignon	Louise-Amelie		
			P	UCLouvain	De Schutter	Olivier		
SOLARIS	SOLidarity in climate change Adaptation policies: towards more socio-spatial justice in the face of multiple RISks	3 years	P	Universiteit Antwerpen	Crabbé	Ann	249 120	249 120