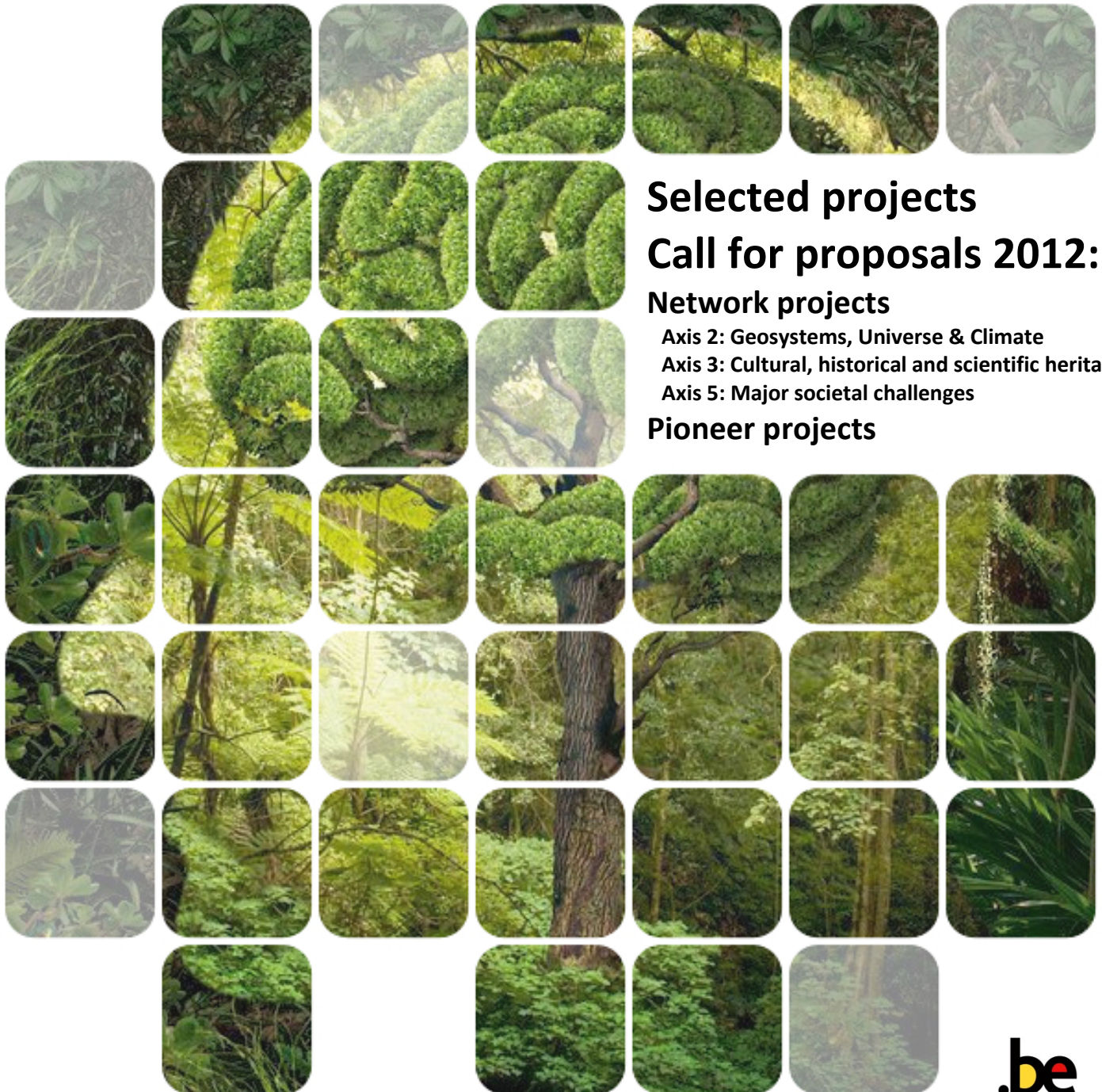


BRAIN-be

BELGIAN RESEARCH ACTION THROUGH INTERDISCIPLINARY NETWORKS



Selected projects Call for proposals 2012:

Network projects

- Axis 2: Geosystems, Universe & Climate
- Axis 3: Cultural, historical and scientific heritage
- Axis 5: Major societal challenges

Pioneer projects

AXIS 2: GEOSYSTEMS, UNIVERSE & CLIMATE

Acronym	Title		Coordinator/Promoters	Institution	Budget (€)	TOTAL
PAMEXEA	PAtterns and Mechanisms of EXtreme weather in East Africa	C	Dirk Verschuren	UGent	409 375	997 513
		P2	Hugues Goosse	UCL	200 635	
		P3	Florias Mees	MRAC-KMMA	191 730	
		P4	Christine Cocquyt	Jardin Botanique	195 773	
QuakeRecNankai	Paleo-tsunami and earthquake records of ruptures along the Nankai Trough, offshore South-Central Japan	C	Marc De Batist	UGent	487 884	1 009 336
		P2	Vanessa Heyvaert	IRSNB-KBIN	287 692	
		P3	Aurelia Hubert-Ferrari	ULg	233 760	
STOCHCLIM	Improving the representation and prediction of climate processes through stochastic parameterization schemes	C	Stéphane Vannitsem	IRM-KMI	308 235	912 973
		P2	Michel Crucifix	UCL	308 920	
		P3	Piet Termonia	UGent	295 818	
AfReSlide	Landslides in Equatorial Africa: Identifying culturally, technically and economically feasible resilience strategies	C	Mathieu Kervyn	VUB	224 813	919 447
		P2	Liesbet Vranken	KULeuven	237 750	
		P3	Véronique Joiris	ULB	154 035	
		P4	Olivier Dewitte	MRAC-KMMA	157 500	
		P5	Jean Poesen	KULeuven	145 349	
MASC	Modelling and Assessing Surface Change impacts on Belgian and Western European climate	C	Louis François	ULg	363 256	1 196 978
		P2	Rafiq Hamdi	IRM-KMI	245 430	
		P3	Nicolas Dendoncker	UNamur	237 404	
		P4	Gaby Deckmyn	UA	176 715	
		P5	Robert De Wulf	UGent	174 173	
TILES	Transnational and Integrated Long-term Marine Exploitation Strategies	C	Vera Van Lancker	IRSNB-KBIN	566 548	1 041 893
		P2	Marc De Batist	UGent	278 440	
		P3	Guy De Tré	UGent	196 905	

AXIS 3: CULTURAL, HISTORICAL AND SCIENTIFIC HERITAGE

Acronym	Title		Coordinator/Promoters	Institution	Budget (€)	TOTAL
4DEMON	4 decades of Belgian marine monitoring: uplifting historical data to today's needs	C	Karien De Cauwer	IRSNB-KBIN	333 000	999 071
		P2	Bavo De Witte	ILVO	188 000	
		P3	Koen Sabbe	UGent	169 124	
		P4	Klaas Deneudt	VLIZ	155 925	
		P5	Alberto Borges	ULg	153 022	
BAREO	Belgian Archaeological Expeditions to the Orient. Heritage in Federal Collections	C	Eric Gubel	MRAH-KMKG	316 470	760 700
		P2	Wim Van Neer	IRSNB-KBIN	250 000	
		P3	Ernie Haerinck	UGent	194 230	
GWB	The Great War from Below Multiple Mobility and Cultural Dynamics in Belgium (1900-1930)	C	Nico Wouters	CEGES-SOMA	218 990	872 454
		P2	Michaël Amara	AGR-ARA	218 990	
		P3	Axel Tixhon	UNamur	140 699	
		P4	Antoon Vrints	UGent	141 495	
		P5	Koen Matthys	KULeuven	152 280	
MEMEX WWI	Recognition and resentment : experiences and memories of the Great War in Belgium	C	Laurence Van Ypersele	UCL	191 188	1 071 532
		P2	Antoon Vrints	UGent	215 040	
		P3	Olivier Klein	ULB	228 424	
		P4	Elke Brems	KULeuven	217 140	
		P5	Chantal Kesteloot	CEGES-SOMA	219 740	
PALEURAFRICA	Origin of European modern faunas through Palaeogene Central Africa collections	C	Thierry Smith	IRSNB-KBIN	302 949	892 135
		P2	Thierry De Putter	MRAC-KMMA	139 289	
		P3	Stephen Louwye	UGent	243 563	
		P4	Johan Yans	UNamur	152 334	
TIC-BELGIUM	Transnational Belgium. International social reform organisations and congresses, 1840-1914	C	Christophe Verbruggen	UGent	455 227	910 891
		P2	Xavier Rousseaux	UCL	170 431	
		P3	Karel Velle	AGR-ARA	135 179	
		P4	Seth Van Hooland	ULB	150 054	
ELINC	European lacquer in Context: art-historical, technological and chemical characterisation of European lacquer in Federal collections	C	Steven Saverwyns	IRPA-KIK	380 386	937 698
		P2	Charles Indekeu	UA	295 475	
		P3	Emile Van Binnebeke	MRAH-KMKG	261 837	

AXIS 5: MAJOR SOCIETAL CHALLENGES

Acronym	Title		Coordinator/Promoters	Institution	Budget (€)	TOTAL
2GENDERS	Generation and Gender ENergy DEprivation: Realities and Social policies	C	Françoise Bartiaux	UCL	295 780	635 913
		P2	Stijn Oosterlynck	UA	206 976	
		P3	Willy Lahaye	UMONS	133 157	
CAUSINEQ	Causes of health and mortality inequalities in Belgium: multiple dimensions, multiple causes	C	Sylvie Gadeyne	VUB	385 086	678 000
		P2	Thierry Eggerickx	UCL	292 914	
CRESUS	Measuring and mobilizing wealth for a cohesive, inclusive and fair society	C	Ive Marx	UA	550 000	1 300 000
		P2	Sergio Perelman	ULg	376 000	
		P3	André Decoster	KULeuven	374 000	
FOOD4 SUSTAINABILITY	Collective action for sustainable food systems in a changing climate: assessing social experimentations and policy innovations	C	Olivier De Schutter	UCL	330 136	749 664
		P2	Erik Mathijs	KULeuven	215 012	
		P3	Marek Hudon	ULB	204 516	
INTRAS	Inequalities in traffic safety	C	Stijn Daniels	UHasselt	257 077	601 742
		P2	Mario Cools	ULg	172 531	
		P3	Peter Silverans	IBSR	172 134	
MEQIN	Measuring equivalent incomes: The implementation of individual well-being measures from Belgian data	C	François Maniquet	UCL	573 000	1 307 234
		P2	Erik Schokkaert	KULeuven	255 365	
		P3	Bea Cantillon	UA	235 272	
		P4	Bram De Rock	ULB	243 597	

PIONEER PROJECTS

Acronym	Title		Coordinator/Promoters	Institution	Total
GENESORT	Is evolution repeatable? Introducing novel tools to unravel the genetics of parallel radiations	C	Frederik Hendrickx	IRSNB-KBIN	149 978
BELPHG-21	Belgium Public Health Genomics: Methodology development linking 'Health Survey' and 'Genomics' data	C	Marc Van Den Bulcke	ISP-WIV	150 000
		P2	Joris Vermeesch	KULeuven	
		P3	Els Goetghebeur	UGent	
NeoMI	NeoMI. A new environment for the organization of musical instruments	C	Stéphanie Weisser	MRAH-KMKG	149 906
		P2	Hadrien Melot & Xavier Siebert	UMONS	
EES	Conservation, IF, UV and 3D-Imaging: the Egyptian Excretion Statuettes of the RMAH	C	Luc Delvaux	MRAH-KMKG	149 500
GuilleMets	Disentangling the Masters of Guillebert de Mets: An Interdisciplinary Approach	C	Dominique Vanwijnsberghe	IRPA-KIK	74 907
UAV_Reunion	UAV Deployment at Reunion Island for TCCON Calibration and Shipping Emissions Mapping	C	Filip Desmet	IASB-BIRA	149 973
PREDISOL	Characterization of active regions' time evolution in view of solar flare prediction	C	Véronique Delouille	ORB-KSB	148 920