	Applications should be	submitted only through the ZSUN/OSF system: https://osf.opi.org.pl					
SONATA BIS 9 call for research projects application form — template							
EW P	PROPOSAL						
1.	Duration [in months]	choose from the list: 36, 48, 60 Further sections depend on this information. Entry cannot be changed later.					
	RAL INFORMATION Dronges title in Delich						
2.	Proposal title in Polish Proposal title in English	the title must be identical to the title in Polish					
3. 4.	Keywords in Polish Keywords in English	identical to the key words in Polish					
5.	Research field	HS, ST, NZ — filled automatically based on the Primary NCN Review Panel					
6.7.	Primary NCN Review Panel Auxiliary NCN Review Panels	choose form the list: HS1-HS6, ST1-ST10, NZ1-NZ9. Choose only one. choose from the list: HS1_001-HS6_021, ST1_001-ST10_016, NZ1_001-NZ9_013 from 1 to 3, including at least one from the panel, to which a proposal is submitted					
PPLIC	CANT						
1.	Applicant's status	 Higher Education entity Federation of science and HE entities Research institute of the Polish Academy of Sciences Research institute International research institute Lukasiewicz Centre Institute operating within the Łukasiewicz Research Network Polish Academy of Arts and Sciences Entity involved in research independently on a continuous basis (not listed in sections 1-6) Group of entities (at least two entities mentioned in sections 1-7 or at least one institution as such together with at least one company) Scientific and industrial centre Research centre of the Polish Academy of Sciences Scientific library Company operating as R&D centre Legal entity established with registered office in Poland Natural person Company conducting research in another organisational form than laid down in sections 1-13 					
5T OF 1.	ENTITIES: ENTITY STATUS (if the applicant is a natu Entity name	ural person or group of entities)					
	Country						
	Entity status	 Higher Education entity Federation of science and HE entities Research institute of the Polish Academy of Sciences Research institute International research institute Lukasiewicz Centre Institute operating within the Łukasiewicz Research Network Polish Academy of Arts and Sciences Entity involved in research independently on a continuous basis (not listed in sections 1-6) Scientific and industrial centre Research centre of the Polish Academy of Sciences Scientific library Company operating as R&D centre Legal entity established with registered office in Poland Company conducting research in another organisational form than laid down in sections 1-13 					
 ARTIC	CIPATING ENTITIES						
1.	Entity's name in Polish						
2.	Entity's name in English						
3. 4.	Country Leader of joint entity	only entities with registered office in Poland may be indicated if the applicant is a group of entities, a leader shall be chosen PI's employer acts as a leader of the group of entities					
5.	Agreement on collaboration for the purposes of completion of the requested research project [in Polish]	if the applicant is a group of entities, the Agreement on Collaboration between the members of the group of entities is obligatory The Agreement shall concern the project and specify the leader PDF file, electronic signature or scan of the signed document required specimen document available in the ZSUN/OSF system and call announcement					

ntity (le		
	Entity's name in Polish	
	Entity's name in English	
	Entity's electronic identifier	optional, ORCID system identifier (www.orcid.org)
4.	Address of registered office	street, street No, apartment No, postcode, town/city, voivodeship, country
5.	Contact information	street, street No, apartment No, postcode, town/city, voivodeship, country, phone No, e-mail, www
6.	ePUAP	Electronic delivery box ESP (ePUAP), UPP/UPD Correspondence concerning the proposal, including the funding decision, shall be sent to the Electronic Delivery Box address. ESP (ePUAP). address shall be as follows: /user ID/ESP name Information on delivery of e-documents: UPP — delivery to public entity recipient UPD — delivery to non-public entity recipient and to the Principal Investigator
	Does the entity belong to the public finances sector? (YES/NO)	
	If YES, classification of entities according to the Act on Public Finances	 Public authorities, including government administration authorities, state control and law protection authorities as well as courts and tribunals Local government units and their associations Metropolitan associations Budgetary units Local government budgetary enterprises Executive agencies Public sector entrprises Special purpose state funds Polish Social Insurance Institution (ZUS) and funds under its management, as well as the Agricultural Social Insurance Fund (KRUS) and funds managed by its President Polish National Health Fund (NFZ) a Independent public health care centres, self-governing independent public health care centres Independent public health care centres, other independent public health care centres Polish Academy of Sciences and its orgaisational units a Cultural institutions financed by state or local government, cultural institutions financed by state, financed by local authority b Cultural institutions financed by state or local government, cultural institutions financed by local authority Other legal entities financed by state or local government, established pursuant to other acts to perform public tasks, with the exception of entrprises, research instituttes, banks and commercial law companies
	Is the entity under receivership, in liquidation or subject to bankruptcy proceedings? (YES/NO)	an entity being under receivership, in liquidation or subject to bankruptcy proceedings cannot be the applicant not the place of realisation of the project
	Does the entity receive any operating support for research? (YES/NO)	
	If NO, information on research carried out over the last 2 years, together with a list of publications and information on research equipment crucial to research activities [in English]	PDF file, electronic signature of the authorised representative of the entity (applicant) or scan of the signed document required
12.	Head of the entity / authorised representative	professional title / academic degree, name, surname, position
	NIP (tax identification number), REGON (statistical identification number) and KRS (court register number)	KRS - optional
ntity (le	vel 2) (if applicable)	
1.	Entity's name in Polish	
2.	Entity's name in English	
3.	Entity's electronic identifier	optional, ORCID system identifier (www.orcid.org)
4.	Legal address	street, street No, apartment No, postcode, town/city, voivodeship, country
5.	Contact information	phone No, e-mail, www
		ear a qualified electronic signature in the PAdES format)
	Does the requested funding costitute state aid? (YES/NO)	state aid rules available in the ZSUN/OSF system and call announcement

2. Declaration: Pl and authorised representatives of the institution are familiar with the state aid rules Only for projects, for which the funding constitutes state aid 3. Start date 4. End date 5. Place 6. Company size 7. Is the project carried out in cooperation with a research organisation, as defined in Article 2 (83) Commission Regulation (EU) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the internal market in application of Articles 107 and 108 of the Treaty? (YES/NO) 8. Information given when applying for aid other than aid in agricultural or fisheries sector, de minimis aid or de minimis aid in agricultural or fisheries sector (Attachment 1 to the Council of Ministers' Regulation of 29 March 2010, Journal of Laws 2010, number 53 item 312, as amended) 9. If medium or large is chosen in item 6: Financial statements for the past 3 financial years, prepared pursuant to the Accounting Act			
Tules Only for projects, for which the funding constitutes state aid 3. Start date O1.07.2020 for Sonata Bis 9 call 4. End date 5. Place 6. Company size micro/small/medium/large 7. Is the project carried out in cooperation with a research organisation, as defined in Article 2 (83) Commission Regulation (EU) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the internal market in application of Articles 107 and 108 of the Treaty? (YES/NO) 8. Information given when applying for aid other than aid in agricultural or fisheries sector, de minimis aid or de minimis aid in agricultural or fisheries sector (Attachment 1 to the Council of Ministers' Regulation of 29 March 2010, Journal of Laws 2010, number 53 item 312, as amended) 9. If medium or large is chosen in item 6: Financial statements for the past 3 financial			
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9. If medium or large is chosen in item 6: attach the document in a PDF format bearing a qualified electronic signature Financial statements for the past 3 financial			
Financial statements for the past 3 financial			
Financial statements for the past 3 financial			
years, prepared pursuant to the Accounting Act			
10. Declaration that the company does not receive specimen document available in the ZSUN/OSF system and call announcement			
state aid to cover the requested eligible costs attach the document in a PDF format bearing a qualified electronic signature			
	specimen document available in the ZSUN/OSF system and call announcement		
(cerriptions)			
12. Declaration that no circumstances exist to specimen document available in the ZSUN/OSF system and call announcement exclude granting of the state aid to cover the attach the document in a PDF format bearing a qualified electronic signature			
exclude granting of the state aid to cover the project costs (template) attach the document in a PDF format bearing a qualified electronic signature			
13. Information pertaining to equipment specimen document available in the ZSUN/OSF system and call announcement			
depreciation costs, including depreciation rates attach the document in a PDF format bearing a qualified electronic signature			
(template)			
14. If "YES" is chosen in item 7: specimen document available in the ZSUN/OSF system and call announcement			
Declaration that the research organisation attach the document in a PDF format bearing a qualified electronic signature			
cooperating with the company does not			
financially contribute towards the project costs			
RESEARCH TASKS			
No Name of the research task in Polish Name of the research task in English Entities 1. the purchase of research equipment, participation in conferences, the name of the task must be identical with choose from	m the list of entities entered		
preparation of publications, etc. are not be regarded as research tasks the name in Polish	ist of chance chereu		
2.			
SIMILAR RESEARCH TASKS 1. Us the Diapplying for funding of the research			
1. Is the PI applying for funding of the research tasks included in this proposal also from other			
sources? (YES/NO)			
2. List of potential funding sources			
3. Is the entity applying for funding of the research			
tasks included in this proposal also from other			
sources? (YES/NO)			
4. List of potential funding sources If the answer to the question above is "YES"			
5. Is PI currently working or has he/she completed			
5. Is PI currently working or has he/she completed research tasks similar in scope to the tasks			
5. Is PI currently working or has he/she completed research tasks similar in scope to the tasks included in this proposal? (YES/NO)			
5. Is PI currently working or has he/she completed research tasks similar in scope to the tasks included in this proposal? (YES/NO) 6. Description of similar tasks and justification of			
5. Is PI currently working or has he/she completed research tasks similar in scope to the tasks included in this proposal? (YES/NO)			
 Is PI currently working or has he/she completed research tasks similar in scope to the tasks included in this proposal? (YES/NO) Description of similar tasks and justification of 			

1.	PI is the author of the project descriptions/	
	a co-author of the project descriptions	
2.	Authors of the project descriptions	if "co-author of project descriptions" is chosen

SHORT DESCRIPTION

A short description (up to 5 pages) in English, including the following information:

- 1) scientific goal of the project (description of the problem to be solved, research questions and hypotheses)
- 2) significance of the project (state of the art, justification for tackling a specific scientific problem, justification for the pioneering nature of the project, the impact of the project results on the development of the research field and scientific discipline);
- 3) concept and work plan (general work plan, specific research goals, results of preliminary research, risk analysis);
- 4) research methodology (underlying scientific methodology, methods, techniques and research tools, methods of results analysis, equipment and devices to be used in research);
- 5) reasons justifying the creation of a new research team;
- 6) project literature (a reference list for publications included in the project description, with full bibliographic data).

The above-mentions sections, including references to literature, are required. Failure to include any of them may result in the project being ineligible for merit-based evaluation.

The description must be delivered as PDF file.

Text limit: 5 pages, A4.

Recommended formatting: top-bottom margins: 1.5 cm, left-right margins: 2 cm, font: Times New Roman or equivalent, font size: at least 11, interline: single.

NOTE!

Experts evaluating the proposal at the first stage of merit-based evaluation have no access to the detailed project description, therefore this description should include information necessary for the project to be evaluated.

FULL DESCRIPTION

A detailed description (up to 15 pages) in English, including the following information:

- 1) scientific goal of the project (description of the problem to be solved, research questions and hypotheses)
- 2) significance of the project (state of the art, justification for tackling a specific scientific problem, justification for the pioneering nature of the project, the impact of the project results on the development of the research field and scientific discipline);
- 3) concept and work plan (general work plan, specific research goals, results of preliminary research, risk analysis);
- 4) research methodology (underlying scientific methodology, methods, techniques and research tools, methods of results analysis, equipment and devices to be used in research);
- 5) reasons justifying the creation of a new research team;
- 6) project literature (a reference list for publications included in the project description, with full bibliographic data).

The above-mentions sections, including references to literature, are required. Failure to include any of them may result in the project being ineligible for merit-based evaluation.

The description must be delivered as PDF file.

Text limit: 15 pages, A4.

Recommended formatting: top-bottom margins: 1.5 cm, left-right margins: 2 cm, font: Times New Roman or equivalent, font size: at least 11, interline: single.

NOTEL

Experts evaluating the proposal at the second stage of merit-based evaluation have no access to the short project description, therefore this description should include information necessary for the project to be evaluated.

ETHICAL ISSUES

If you flagged any of ethical issues included in the Ethics Issues Table, please describe measure taken to ensure that the research is carried out conforming to the common law (if applicable) and rules of good practice in the respective domain/discipline. Please refer to each identified issues separately.

applicat	ble) and rules of good practice in the respective domain/discipline. Please refer to each identified issues separately.			
1.	Human embryos			
	Does your research involve Human Embryonic Stem Cells (hESCs)? (YES/NO)			
	Does your research involve the use of human embryos? (YES/NO)			
	Does your research involve the use of human embryonic tissues/cells? (YES/NO)			
2.	Humans			
	Does your research involve human participants? (YES/NO)			
If YES, see also section 4 and please provide Inclusion Enrollment Data (number of participants, sex/gender, age, ethnicity, one or multi-sit				
	Does your research involve physical or psychological interventions on the study participants? (YES/NO)			
	If YES, please specify and see also section 4.			
Is your research considered as medical experiment under the Act of 5 December 1996, the professions of doctor and dentist? (YES/NO)				

Does your research involve processing of genetic information? (YES/NO)

If YES, see also section 4.

Does the project include one or more applicable non-commercial clinical trials that must be registered in Central Register of Clinical Trials

(https://www.clinicaltrialsregister.eu/) under the Act of 6 September 2001 (as amended) Pharmaceutical Law or the Act of 20 May 2010 (as amended) on medical devices? (YES/NO)

If YES, please justify non-commercial aspect of your research.

If YES, please specify and see also section 4.

3. Human cells/tissues

Does your research involve human cells or tissues (other than from Human Embryos, i.e. section 1) commercially available? (YES/NO)

Does your research involve human cells or tissues obtained within the project or from another project, laboratory or institution (non-commmercial)? (YES/NO)

4. Personal data

Does your research involve personal data processing? (YES/NO)

Does your research involve further processing of previously collected personal data (secondary use) or data from other sources outside the research entity? (YES/NO)

5. **Animals**

Does your research involve vertebrate animals or live cephalopods? (YES/NO)

If YES, please indicate the species and describe biological variables such as development phases or age, sex and indicate the number of animals planned for experiments.

Does your research involve genetically modified organisms/microorganisms? (YES/NO) Does your research involve the use of animal biological specimens (e.g. blood, urine or others)? (YES/NO) Does your research involve animal cells or tissues? (YES/NO) Scientific collaboration with countries outside the European Union 6. In case non-EU countries are involved, do the research related activities undertaken in these countries raise potential ethics issues? (YES/NO) Do you plan to use local human, cultural or natural resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)? (YES/NO) Do you plan to import any material from non-EU countries into the EU? (YES/NO) For data imports, please fill in also section 4. For imports concerning human cells or tissues, fill in also section 3. Do you plan to export any material from the EU to non-EU countries? (YES/NO) For data exports, please fill in also section 4. For exports concerning human cells or tissues, fill in also section 3. If your research involves low and/or lower middle income countries, are benefits-sharing measures foreseen? (YES/NO) Could the situation in the country put the individuals taking part in the research at risk? (YES/NO) **Environment, Health and Safety** Does your research involve the use of elements that may cause harm to the environment, to animals or plants? (YES/NO) For research involving animal experiments, please fill in also section 5. Does your research deal with endangered fauna and/or flora and/or protected areas? (YES/NO) For research involving animal experiments, please fill in also section 5. Does your research involve the use of elements that may cause harm to humans, including research staff? (YES/NO) For research involving human participants, please fill in also section 2. Does your research involve dual-use items in the sense of Regulation 428/2009, or other items for which an authorisation is required? (TAK/NIE) 9. Abuse Does your research have the potential for malevolent/criminal/terrorist abuse? (YES/NO) 10. Other ethics issues Are there any other ethics issues that should be taken into consideration? (YES/NO) Does the project involve the use of vulnerable populations? (YES/NO) Does the project involve the use of human specimen from cadavers? (YES/NO) Description of the measures taken to ensure that the research will be carried out in compliance with the rules of good scientific practice in the given field/discipline. Information on any permissions already issued or description of how the relevant requirements will be fulfilled [in English] A detailed justification that research includes clinical trial related to a medicinal product or a medical device is of non-commercial nature [in English] **ABSTRACT** The description in English, up to 4500 characters (with spaces), shall include the most important information on the project allowing the experts requested to review the project to asses their competencies to perform the review. ABSTRACT FOR THE GENERAL PUBLIC The description for general public must be in Polish and in English. The language versions must be identical. The descriptions must be attached as two separate PDF files. File format: 1 page, A4. Recommended formatting: top-bottom margins: 1.5 cm, left-right margins: 2 cm, font: Times New Roman or equivalent, font size: at least 11, interline: single. The description should be written for general public and should include the project goal, description of research, reasons for attempting a particular research topic and substantial Should the project qualify for funding, the abstract for the general public will be published on the National Science Centre's and Ośrodek Przetwarzania Informacji (OPI)'s websites alongside the information on the call's results. INTERNATIONAL COOPERATION To be filled out in English. International cooperation means that research tasks are carried out together with investigators from foreign entities. The following are not considered international cooperation: a) participation in international conferences; b) dissemination of information on the project abroad; c) implementation of research tasks by a Polish research team abroad without the participation of investigators from foreign entities; d) cooperation with foreign researchers employed by Polish entities. Is the project carried out as international cooperation? (YES/NO) If YES: 2. Countries Entities 3. Description of advantages of international cooperation [in English] **PROJECT TEAM** 1. Number of team members Required professional qualifications Nature of contribution to the project **Entity** Scope of work No Name [in English] [in English] 1. Principal Investigator (PI) can be added from the OPI name and surname database pursuant a PESEL number or outside OPI

2.	Co-Investigator Post-doc Scholarship grantee/Student/PhD student	Co-Investigator_1 Post-doc_1 Scholarship grantee/Student/Ph						
	Auxiliary Post	D student_1 Auxiliary Post_1						
3.	Co-Investigator Post-doc Scholarship grantee/Student/PhD student	Co-Investigator_2 Post-doc_2 Scholarship grantee/Student/Ph D student_2						
RINCI	PAL INVESTIGATOR (PI) - INFORMATION							
rofess	sional title/academic degree, name and surna	me						
1.	Contribution to the project							
	Nature of contribution to the project, entity, scope of	of work [in English]						
2.	PhD							
	Is the Principal Investigator a PhD holder? (YES/ NO) <i>pursuant to the terms of the call, a PhD degree is required</i> year of PhD award, academic branch / branch of art in Polish, academic branch of art in Polish, academic discipline / discipline of art in English, awarded by: Entity's name in the original language [transcription to Latin], entity's name name in English							
3.	Information on career breaks – qualification per							
	One can enter information on the career breaks by se	-						
	I wish to include information on Pl's career breaks extending the qualification period							
	If this option is chosen, the following fields will appear:							
	Long-term (over 90 days) evidenced sickness benefits or physiotherapy benefits on account of unfitness for work collected over a period of 12 years before the proposition year. Number of days.							
	Both maternity and paternity:							
	Parental leaves granted pursuant to the Labour Code. Number of days.							
	For maternity only: Children born/adopted. Number of children.							
	The period may be extended by 18 months for every child born or adopted. If the number of children is quoted as well as the number of days of parental leave granted pursuant to the Labour Code, the system will choose whichever option is more advantageous for the PI to account for her career break.							
4.	Information on career breaks – academic and research track record							
	One can enter information on the career breaks by selecting: I wish to enter information on career breaks allowing for the period of scientific achievements to be extended If this option is chosen, the following fields will appear:							
	Long-term (over 90 days) evidenced sickness benefits or physiotherapy benefits on account of unfitness for work collected over a period of 10 years before the proposisubmission year. Number of days.							
	Both maternity and paternity:							
	Parental leaves granted pursuant to the Labour Code. Number of days.							
	For maternity only: Children born/adopted. Number of children.							
The period may be extended by 18 months for every child born or adopted. If the number of children is quoted as well as the number of days of parental leave granted pursuant to the Labour Code, the system will choose whichever advantageous for the PI to account for her career break.								
5.	Young researcher (this section will only appear if acc researcher for the purposes of the statutory definition		ctoral degree conferme	nt it cannot be clearly de	termined whether or not the PI is a young			
	elp us to establish whether the PI fulfils the criterion of ny part of the proposal form.	a young researcher. The	e information below is f	or statistical purposes or	nly and shall not affect the eligibility for the			
	PhD data							
	One can enter information on the career breaks by so I wish to include information on PI's career breaks w If this option is chosen, the following fields will appear	ithin 7 years after being	awarded a doctorate					
	Career breaks on account of maternity leave, adopti allowance or parental allowance or sickness benefit requiring physiotherapy within 7 years after being a	or rehabilitation benefit	collected on account of	-				

5.	Academic disciplines					
	The main academic discipline (according to the classification of the Ministry of Science and Higher Education)					
	One can enter up to two academic disciplines; if two a	cademic disciplines are entered, specify the main discipline				
6.	Personal data					
	name, middlename, surname, previous surname, professional title/academic degree, PESEL (if any), date of birth, citizenship, gender					
7.	Contact information					
	phone No, e-mail, electronic delivery box ESP (ePUAP)	, UPP/UPD				
	Correspondence concerning the proposal, including the funding decision, shall be sent to the Electronic Delivery Box address.					
8.	Home address, correspondence address (if different from home address)					
	street, street No, apartment No, postcode, town/city, voivodeship, country					
9.	Reasercher's electronic identifier					
	optional, ORCID system identifier (www.orcid.org)					
	Employment					
	entity's name and position in Polish, entity's name and					
	AL INVASTIGATOR ACADEMIC AND RESEARC	H TRACK RECORD [in English]				
	Academic and Research Career [in English]					
	Academic and Research Track Record					
	information on academic degrees/ titles: date degree/	title conferred institution discipline:				
	academic career: start date – end date, institution, pos					
	Publication Record					
		publication (letter of acceptance required) in the proposal submission year or over the period of 10 years prior to				
		apers presented above must be attached as PDF files. For monographs attach a file with at least the title page,				
	copyright page, contents and a selection of fragments	containing the author's chief theses.				
	For research in art 1-10 most important papers public	hed or accepted for publication (letter of acceptance required) or artistic achievements and achievements in				
		the period of 10 years prior to the proposal submission year. Annex 1-3 most important publications (if any) as PDF				
	files.	the period of 10 years prior to the proposar submission year. Almex 1.5 most important publications (if any) as 1.57				
	The period of 10 years shall be extended by any career	breaks specified in the form.				
	Authors, title in the original publication language (with	n translation into English], journal, monograph title in the original publication language, year of publication,				
		SBN/ISSN, editors, open access (YES/NO), total number of citations without self-citations, publication status				
	(published/accepted for publication), DOI Number					
	PDF file	1-3 files				
	Letter of acceptance	if publication status:accepted for publication				
		PDF file				
4.	Artistic Achievements [in English]					
	Far and and and					
	For research in art only.					
	Description of up to 10 of the most important artistic a	schievements and achievements in research in art (in the proposal submission year or over the period of 10 years				
		de or international impact, e.g. authoring and publishing a work of art (a musical score, a record), directing a film,				
	a play, an opera, playing a lead role, authoring an indi	vidual exhibition, actively participating in a festival with an international impact, directing an international artistic				
	venture.					
	Optional.					
	The period of 10 years shall be extended by any career	hreaks specified in the form				
	Title/name, year, description	breaks specified in the joint.				
5.		other funding awarded under NCN calls [in English]				
J.	mormation of research project management or (other randing awarded under NCN cans [III English]				
	Enter projects, fellowships, scholarships, research activ	vities carried out in the year of proposal or within the last 10 years prior to the year of proposal. The period of 10				
	years shall be extended by any career breaks specified					
		nt of funding, currency, entity's name, start date, end date (do not complete for ongoing projects), list of the most				
		lications added by the editor (i.e. published following submission of the report), If no papers have been published				
	– a brief description of other research results					
<i>-</i>	Information on research project management we	der demestis er international salls (ether than NCN salls) (in English)				
6.	Information on research project management uni	der domestic or international calls (other than NCN calls) [in English]				
	Enter projects in which one has acted as principal inves	stigator and which:				
	- are or have been carried out in the year of proposal o					
	- are or have been funded from the funds for science,					
	- have been selected in domestic or international calls					
	- are not and have not been funded from the operating	g support funds.				
	Author was a structural to the					
		pod as management/coordination of a research team in international projects or programmes.				
	The period of 10 years shall be extended by any career	preaks specified in the form.				
	Title, registration number, source(s) of funding, amou	nt of funding, currency, entity's name, start date, end date (do not complete for ongoing projects), list of the most				
		lications added by the editor, If no papers have been published - a brief description of other research results				

7	Most importanat research achievement [in English]						
7.		•					
	Description of one, the most important research achievement.						
8.	Research experience [in English]						
	Information on research experience zdobyte w Polsce	i za granicą (duration d	of stay, country, institu	tion, type of stay)			
9.	Prizes and Awards [in English]						
	The most important national or international distinctions resulting from conducting scientific research and other scientific and artistic activity						
DEDCOM							
PERSON	NEL COSTS AND SCHOLARSHIPS						
			Type of	Project-related		Total salary cost on	
No	Name / nature of contribution to the project	Entity	7.	remuneration period	Annual cost [PLN]	•	
	, , , , , , , , , , , , , , , , , , , ,	,	employment	[in months]		grant [PLN]	
				[III IIIOIItii3]			
	Justification of the remuneration amount (in the	cases specified in the	regulations only)				
RESEAR	CH EQUIPMENT						
	Name of research equipment in Polish						
2.	Name of research equipment in English						
3.	Description [in English]						
4.	Merit-based justification for the purchase [in Eng	lish]					
5.	Entity						
6.	Year of purchase or construction						
7.	Unit cost [PLN]						
8.	Number of units						
9.	NCN's contribution [PLN]						
	Entity's contribution (if any) [PLN]						
	DIRECT COSTS						
	rect costs						
1.	Name/description [in English]						
2.	Category	1 Materials and small	equinment/2 Outsou	rced services / 3. Bussines	trins / 4 Visits and cou	sultations /	
۷.		5. Collective investigat		. CCG GCT VICES / J. DUSSITIES	ps / +. visits unu cor	.cartations /	
		3. Collective lilvestigut	orsy 6. Other costs				
3.	Entity						
	Calculation and merit-based justification for the						
	The state of the s						
	purchase [in English]						
	Annual cost [PLN]	Year	Year	Year	Year	TOTAL	
Reductio	n of the PI's teaching load						
1.	Reduction of the PI's teaching load (YES/NO)						
	If YES:						
	-						
2.	Number of the obligatory teaching hours						
	[annually]						
3.	Total number of teaching hours to be refunded	PI's teching load may l	be reduced by up to 50	%.			
4.	Annual cost [PLN]	Year	Year	Year	Year	TOTAL	
			1 Cai	1 Ca1	1 Cai	TOTAL	
TOTAL	COSTS OF THE ENTITIES (calculated automatic	ану)					
1.			Entity name				
2.	Indirect costs (%)			up to 40%			
	, ,	Year	Year	Year	Year	TOTAL	
Direct co	sets including:	rear	rear	rear	rear	TOTAL	
Direct co	ests, including:						
norcon	nol costs and scholarshing including:						
- person	nel costs and scholarships, including:						
	full-time employment salary						
	Sand Sandary						
	additional salary						
	student and PhD student scholarships and						
	salaries						
	Salaries						
costs o	f the reduction of the DI's teaching lead						
- costs o	f the reduction of the PI's teaching load						
- researd	ch equipment, device, software costs						
	1. 1						
- other d	lirect costs						
Indirect							
Total cos							
TOTAL C	OSTS (calculated automatically)						
		Year	Year	Year	Year	TOTAL	
Direct co	ests, including:			2 0 ///			
2 200 00	oto, interacting						
- nerson	nel costs and scholarships, including:						
PCISUII	ner costs and scholarships, including.						
	full-time employment salary						
	additional salary						

	student and PhD student scholarships and						
	salaries	I					
- costs o	of the reduction of the PI's teaching load	I					
			<u> </u>				
- resear	ch equipment, device, software costs	I					
- other	other direct costs						
	direct costs						
Total co							
	C COST BREAKDOWN (for projects for which fu	ındina constitutes	state aid)				
1.	Type of expenditure	maing constitutes.	state araj				
2.	Cost category	ĺ					
3.	Cost type						
4.	Total gross cost [PLN]	<u> </u>					
5.	Eligible cost [PLN]						
6.	Own contribution [PLN]						
7.	NCN contribution [PLN]						
8.	Year						
	MANAGEMENT PLAN						
	ach question, a text box for description. You can sele	ect "not annlicable"					
1.							
1.1	Data description and collection or re-use of existing data How will new data be collected or produced and/or how will existing data be re-used?						
1.1	What data (for example the kinds, formats, and volum						
2.		es) will be collected o	n produced:				
2.1	Documentation and data quality What metadata and decumentation (for example methodology or data collection and way of organising data) will accompany data?						
2.1	What metadata and documentation (for example methodology or data collection and way of organising data) will accompany data? What data quality control measures will be used?						
3.	Storage and backup during the research process						
3.1	How will data and metadata be stored and backed up	during the research p	rncess?				
3.2	How will data security and protection of sensitive data						
4.	Legal requirements, codes of conduct	De taken eare or ear.	ing the research.				
4.1	If personal data are processed, how will compliance wi	 ith legislation on pers	onal data and on data	security be ensured?			
4.2	How will other legal issues, such as intellectual property			•			
5.	Data sharing and long-term preservation	77 100					
5.1	How and when will data be shared ? Are there possible	e restrictions to data s	sharing or embargo re	asons?			
5.2	How will data for preservation be selected, and where				chive)?		
5.3	What methods or software tools will be needed to acc	<u> </u>			,		
5.4	How will the application of a unique and persistent identifier (such us a Digital Object Identifier (DOI)) to each data set be ensured?						
6.	Data management responsibilities and resources						
6.1	Who (for example role, position, and institution) will be responsible for data mangement (i.e the data steward)?						

PERSONAL DATA PROTECTION

Acting pursuant to Article 13 (1) and (2) of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 2016, No 119, p.1), this is to inform all those applying for funding of a research project, scientific activity, fellowship or doctoral scholarship that:

a) the National Science Centre ("NCN") with its registered office in Krakow at ul. Twardowskiego 16, 30-312 Kraków, is the controller of your personal data,
b) the NCN's designated Data Protection Officer can be contacted via electronic mail at iod@ncn.gov.pl, by phone at +48 12 341 9113 or directly at the registered office of the data controller,

What resources (for example financial and time) will be dedicated to data management and ensuring the data will be FAIR (Findable, Accessible, Interoperable, Re-

c) the NCN shall process your personal data pursuant to Article 6 (1) (c) of the General Data Protection Regulation, in conjunction with Article 20 of the Act on the National Science Centre of 30 April 2010 (Journal of Laws of 2018, item 947, as amended),

d) your personal data shall be processed for the purpose of:

- evaluation of the proposal for funding of a research project, scientific activity, fellowship or doctoral scholarship,
- supervision, financial and accounting operations, audits performed in the course of and after the completion of the research project, scientific activity, fellowship or doctoral scholarship, evaluation of implementation thereof and settlement of funding agreements, if funding is granted for the completion of a research project, scientific activity, fellowship or doctoral scholarship, and
- evaluating the NCN's own tasks, reporting, dissemination of the information on the NCN's calls for proposals throughout the scientific community, implementation of other activities regulated by generally applicable laws and for archiving purposes,
- e) your personal data shall be processed from the moment it has been collected for as long as it is necessary to achieve the purposes indicated in point d) and to pursue related claims, for the period required by generally applicable laws and for the period of storage as defined by the NCN's records management procedures and the Uniform File Classification System,

f) provision of your personal data is a statutory requirement and without its disclosure the purposes described in point d) cannot be achieved,

g) the recipients of your personal data may only be entities authorised to collect personal data pursuant to generally applicable laws and, to the extent specified in Article 31 of the Act on the National Science Centre of 30 April 2010 (Journal of Laws of 2018, item 947, as amended), individuals using the NCN's website,

h) your personal data may be transferred for processing to third parties, such as the National Information Processing Institute with its registered office at al. Niepodległości 188b, 00-608 Warsaw. Such third parties process data based on personal data transfer contracts and are also bound to keep the data being processed confidential,

i) you have the right to access your personal data, correct your personal data and restrict the processing of your personal data, and

j) you have the right to lodge a complaint with the President of the Personal Data Protection Office if the General Data Protection Regulation is violated.

ADMINISTRATIVE DECLARATIONS

where the applicant is not a natural person

Declarations by the PI

I hereby declare that:

- 1. the research tasks specified in this proposal are not and have not been funded from the NCN resources and/or from other sources;
- 2. should I apply for or receive funding of the research tasks specified in this proposal from another source than the NCN, I shall:
- a) in the event that funding is received from the NCN:
- resign from applying for funding from another source

or

- notify the authorised representative of the entity acting as the applicant of my resignation from funding of research tasks allocated by the NCN Director or b) in the event that funding is received from another source:
- notify the authorised representative of the entity acting as the applicant of my resignation from applying for funding under this call of proposal organised by the NCN or
- resign from accepting funding from other source;
- 3. should the proposal be recommended for funding, the results generated during the research project shall be evaluated and published in a journal/journals of international impact;
- 4. should the proposal be recommended for funding, I agree to have the project abstract for the general public published on the National Science Centre's and National Information Processing Institute's websites alongside the information on the call's results;
- 5. I have read the rules according to which the decision of the NCN Director is delivered;
- 6. I agree to have the application verified using anti-plagiarism software and the contents of the application placed in the software database; and
- 7. I have read the Code of the National Science Center on Research Integrity and Applying for Research Funding and undertake to use it.

2. Declarations by the head of the entity / authorised representative

I hereby declare that:

- 1. the research tasks specified in this proposal are not and have not been funded from the NCN resources and/or from other sources;
- 2. should I apply for or receive funding of the research tasks specified in this proposal from another source than the NCN, I shall:
- a) in the event that funding is received from the NCN:
- resign from applying for funding from another source

or

- resign from funding of research tasks allocated by the NCN Director or
- b) in the event that funding is received from another source:
- resign from applying for funding under this call of proposal organised by the NCN

or

- resign from accepting funding from other source;
- 3. should the research project be awarded funding, acting on behalf of the entity I represent, I shall:
- a) include the research project in the financial plan of the entity;
- b) employ the project's principal investigator in compliance with the proposal and principles set out for the call;
- c) employ investigators necessary to conduct the research project in compliance with the proposal and principles set out for the call;
- d) provide the conditions required for the completion of the research, including access to laboratory/office premises and research equipment required for the completion of the research;
- e) provide the project with administrative and accounting assistance;
- f) supervise the completion of the research project and proper disbursement of project monies;
- 4. should the proposal be recommended for funding, I agree to have the project abstract for the general public published on the National Science Centre's and National Information Processing Institute's websites alongside the information on the call's results;
- 5. I have read the rules according to which the decision of the NCN Director is delivered;
- 6. I agree to have the application verified using anti-plagiarism software and the contents of the application placed in the software database; and
- 7. I have read the Code of the National Science Center on Research Integrity and Applying for Research Funding and undertake to use it.

where the applicant is a natural person

1. Declarations by the natural person acting as the applicant

I hereby declare that:

- 1. the research tasks specified in this proposal are not and have not been funded from the NCN resources and/or from other sources;
- 2. should I apply for or receive funding of the research tasks specified in this proposal from another source than the NCN, I shall:
- a) in the event that funding is received from the NCN:
- resign from applying for funding from another source

or

- resign from funding of research tasks allocated by the NCN Director or
- b) in the event that funding is received from another source:
- resign from applying for funding under this call of proposal organised by the NCN

or

- resign from accepting funding from other source;
- 3. should the proposal be recommended for funding, the results generated during the research project shall be evaluated and published in a journal/journals of international impact;
- 4. should the proposal be recommended for funding, I agree to have the project abstract for the general public published on the National Science Centre's and National Information Processing Institute's websites alongside the information on the call's results;
- 5. I have read the rules according to which the decision of the NCN Director is delivered;
- 6. I agree to have the application verified using anti-plagiarism software and the contents of the application placed in the software database; and
- 7. I have read the Code of the National Science Center on Research Integrity and Applying for Research Funding and undertake to use it.

Declarations by the head of the entity/authorised representative I hereby declare that: 1. the research tasks specified in this proposal are not and have not been funded from the NCN resources and/or from other sources; 2. should I apply for or receive funding of the research tasks specified in this proposal from another source than the NCN, I shall: a) in the event that funding is received from the NCN: resign from applying for funding from another source - notify the natural person acting as the applicant of my resignation from funding of research tasks allocated by the NCN Director or b) in the event that funding is received from another source: notify the natural person acting as the applicant of my resignation from applying for funding under this call of proposal organised by the NCN or resign from accepting funding from other source; 3. should the research project be awarded funding, acting on behalf of the entity I represent, I shall: a) include the research project in the financial plan of the entity; b) employ the project's principal investigator in compliance with the proposal and principles set out for the call; c) employ investigators necessary to conduct the research project in compliance with the proposal and principles set out for the call; d) provide the conditions required for the completion of the research, including access to laboratory/office premises and research equipment required for the completion of the research; e) provide the project with administrative and accounting assistance; f) supervise the completion of the research project and proper disbursement of project monies; 4. should the proposal be recommended for funding, I agree to have the project abstract for the general public published on the National Science Centre's and National Information Processing Institute's websites alongside the information on the call's results; 5. I have read the rules according to which the decision of the NCN Director is delivered; 6. I agree to have the application verified using anti-plagiarism software and the contents of the application placed in the software database; and 7. I have read the Code of the National Science Center on Research Integrity and Applying for Research Funding and undertake to use it. **ELECTRONIC SUBMISSION** Confirmation of submitting the proposal (PI) Attach a confirmation signed by hand and scanned OR signed by qualified electronic signature in the PAdES format Download the PI's confirmation Upload the scan of the PI's confirmation/Upload the electronically signed PI's confirmation

Attach a confirmation signed by hand and scanned OR signed by qualified electronic signature in the PAdES format

Download the confirmation of submitting the proposal by Head of the entity/ authorised representative

Confirmation of submitting the proposal (entity)

Attach a confirmation scan/ confirmation bearing an electronic signature