

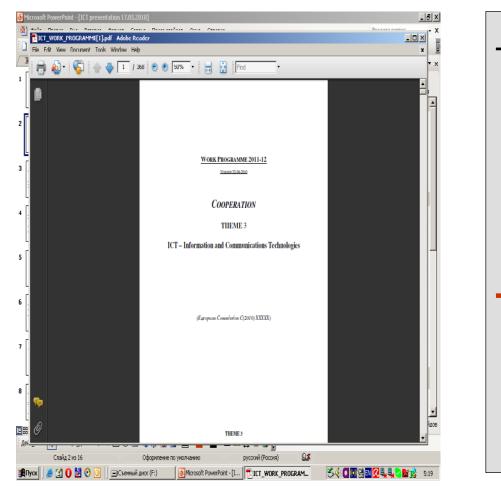




The 7th Framework Programme: content and current opportunities for cooperation in the field of Technologires for Nanoelectronics and Photonics

Olga Meerovskaya National Coordinator of NCPs in Belarus, IncoNet EECA partner, Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere

ICT priorities for 2011-12 preliminary defined



The 7th Call for proposals will be launched on 28 September 2010 with the budget 783,5 mln Eur. Deadline – 18 January 2011.

The prospective of 2013+ has to be considered

Funding schemes

Collaborative projects

- Small or medium-scale focused research actions (STREP), 1-4 mln. Eur (av. 2 mln), 6-15 partners, 1,5-3 years
- Large-scale integrating projects (IP), 4-25 mln Eur (av. 10 mln), 10-20 partners, 3-5 years
- Networks of Excellence (NoE)
- Coordination and Support Actions (CSA)
- Combination of Collaborative projects and Coordination and Support Actions

Levels of openness

- General opening (3 EU MS/AS min)
- Targeted opening = Projects with recommended participation of the targeted countries or regions (3 EU MS/AS min)
- Specific International Cooperation Actions = SICAs (2 EU MS/AS + 2 ICPC)
- Coordinated calls

Key principles of WP2011-12

- To support competitiveness of industry in Europe,
- To ensure leveraging by the EU budget of private spending,
- To increase synergies between private and public sectors across Europe.

Strategy (1)

- 1. Focus on a limited set of challenges to be continued
 - Limited number of challenges and objectives;
 - Mid-to-long term goals which require trans-national collaboration;
 - Each challenge is addressed through a limited number of objectives while the each objective specifies the set of outcomes targeted by the research work and their expected impact

Strategy (2)

2. A commitment to reinforce Europe's presence in the basic ICT technologies and infrastructures

Challenge 1– Pervasive and Trusted Network and Service Infrastructures

Challenge 2 – Cognitive Systems and Robotics

Challenge 3 - Alternative paths to components and systems

focuses on further miniaturisation and increased performance in electronic and photonic components, in micro/nanosystems integrating functionalities like sensing, actuating, communicating, in alternative routes to new components and systems such as organic electronics and in multicore computing systems, embedded systems, monitoring and control, and cooperating complex systems.

Challenge 4 – Technologies for Digital Content and Languages

Strategy (3)

3. A reinforced ICT contribution to major socioeconomic challenges

Challenge 5 – ICT for Health, Ageing Well, Inclusion and Governance

Challenge 6 – ICT for a Low-Carbon Economy

Challenge 7 – ICT for the Enterprise and Manufacturing – Factories of the Future PPP

Challenge 8 – ICT for learning and access to cultural resources

4. A strengthened support to Future and Emerging Technologies (FET)

Strategy (4)

5. A reinforced and focused support to international cooperation

Main objectives:

- To jointly respond to major global technological challenges by developing interoperable solutions and standards,
- To jointly develop ICT solutions to major global societal challenges,
- To improve scientific and technological cooperation for mutual benefit.

"International cooperation becomes <u>a must</u> to address the global challenges and to build win-win partnerships with well-targeted countries for technology, economic and social developments".

Public-Private Partnerships in WP2011-12

- Future Internet
- Cross-thematic PPPs
 - □ Green cars
 - Energy-efficient buildings
 - □ Factories of the Future

Challenge 3 - Alternative paths to components and systems

The size of the photonics market in 2008 was 270 B€ with an EU share of the supply of 20%. European strengths are in the segments of communications, measurement and security, manufacturing, laser medical, photovoltaics, and lighting, with market shares of up to 45%.

Europe's share of the world supply of µelectronic components is 12-15%. Europe's strength though is in vertical component markets (automotive, telecom) with 40% of market share.

- The aim of the Challenge is to reinforce the innovative capacity of Europe's industry in the field and enable it to seize the new opportunities.
- More specifically, Challenge 3 focuses on:
- The deep miniaturization, energy efficiency, performance increase and manufacturability of nano-electronic devices using alternative solutions o the traditional miniaturisation path, for information and communication systems and other applications in 2020 and beyond;

The further development of core and photonic disruptive technologies (Lasers, waveguides, photodetectors, amplifiers, LEDs, optical fibers, etc), fundamental and strategic applications medicine. such as communication, lighting, biology, and sensing measurement, and manufacturing.

Challenge 3 in ICT Call 7

View Document Tools Window He	·			
🛓 • 🌄 🛧 🔶 1 25 /	368 💌 💌 🔽 🚼	Find		
	Call title: ICT call 7			
	Call identifier: FP7-ICT-2011-7			
	• Date of publication ⁵⁸ : 28 September 2	010		
	 Deadline⁵⁹: 18 January 2011, at 17:00 			
	 Indicative budget^{60,61}: EUR 783.5 mil 			
	See indicative budget , 1 EOR 785.5 min See indicative budget breakdown in se			
		ection 7 of the IC1 work programme	·-	
	Topics called:			
	Challenge	Objectives	Funding schemes	
	Challenge 1: Pervasive and Trusted Network and Service Infrastructures	ICT 2011.1.3 Internet- connected Objects	IP/STREP, CSA	
	minustractures	ICT 2011.1.5 Networked Media and Search Systems	IP, STREP, CSA	
		ICT 20011.1.6 Future Internet Research and Experimentation (FIRE) (a),(d)	IP, NoE	
	Challenge 2: Cognitive systems	ICT 2011.2.1 Cognitive	IP/STREP, CSA	
	and robotics Challenge 3: Alternative Paths to	Systems and Robotics (a), (d) ICT 2011.3.2 Smart	IP/STREP, CSA	
	Components and Systems	components and smart systems integration (a), (c)	II/STREE, COA	
		ICT 2011.3.3 New paradigms for embedded systems, monitoring and control towards complex systems engineering	IP/STREP, CSA	
		ICT 2011.3.4 Computing Systems	STREP, NoE, CSA	
		ICT 2011.3.5 Core and disruptive photonic technologies (b), (e)	STREP, CSA	
		ICT 2011.3.6 Flexible, Organic and Large Area Electronics and Photonics	IP/STREP, ERA- NET Plus, CSA	
	Challenge 4: Technologies for Digital Content and Languages	ICT 2011.4.2 Language Technologies	IP/STREP, CSA	
🥭 🗹 🕕 🐱 📀 🔲 🖃 🕬	ьемный диск (F:) 🛛 🚺 🐻 Microsoft PowerF	Point - [I	∽ ≶∢(0 © ≋∎ 📿 🔩 👻	

17-18 May 2010 Minsk

Challenge 3 in ICT Call 8

File Edit	ORK_PROGRAMME[1].pdf - Ac View Document Tools Wind				- B > •
8	🕹 • 🌍 🛧 🔶 🗖	128 / 368 😑 💌 75% 🔹 拱 🛃 🕅	nd 🗸		
i i i i i i i i i i i i i i i i i i i		Call title: ICT call 8			-
		 Call identifier: FP7-ICT-2011-8 			
		 Date of publication⁶³: 26 July 2011 			
		 Deadline⁶⁴: 17 January 2012, at 17:00.00 	Brussels local time		
		 Indicative budget⁶⁵,⁶⁶: EUR 780,5 million 			
		See indicative budget y 1 EOK 780,5 minior		10	
		e e e e e e e e e e e e e e e e e e e	on 7 of the IC1 work programm	ic.	
		Topics called:			
		Challenge	Objectives	Funding schemes	
		Challenge 1: Pervasive and Trusted	ICT 2011.1.1 Future	IP/STREP, NOE,	
		Network and Service Infrastructures	Networks	CSA	_
			ICT 20011.1.2 Cloud	IP/STREP, CSA	
			Computing, Internet of Services and Advanced		
			Software Engineering		
			ICT 20011.1.4	IP/STREP, NoE,	
			Trustworthy ICT	CSA	
			ICT 20011.1.6 Future	IP, NOE	
			Internet Research and		
			Experimentation (FIRE)		
		Challenge 3: Alternative Paths to	(b), (c), (e) ICT 2011.3.1 Very	IP/STREP, CSA	
		Components and Systems	advanced nanoelectronic	into Huin , Cont	
			components: design,		
			engineering, technology and manufacturability		
			ICT 2011.3.2 Smart	IP/STREP	
			components and smart	Involker	
			systems integration (b)		
			ICT 2011.3.5 Core and	IP, STREP, ERA- NET Plus, CP-	
			disruptive photonic	THEFT Flus, CI	
5e		62 See ftp://ftp.cordis.europa.eu/pub/fp7/docs/fp7-ga-	clauses-v6 en.pdf; http://ec.europa.eu	/research/science-	
		society/open_access; http://ec.europa.eu/research/scie	nce-society/scientific information/.		
Ø		⁶³ The Director-General responsible for the call may date of publication	publish it up to one month prior to or	after the envisaged	
<i>©</i>		⁶⁴ The Director-General responsible may delay this d	eadline by up to two months		
	🥭 🗹 🛈 🐱 📀 🧕		- [I TT_WORK_PROGRA	1M 🛛 😒 🍕 🖸 🔘 😒 💽 🧭 🜉 🗏	🕹 🔁 😰 🕵 🎦 5:56

Budget distribution, WP2011-12 (1)

Правка Вид Вставка Формат Се	рвис <u>Т</u> аблица <u>О</u> кно <u>С</u> правка				Введите вопрос	
; 🛃 💪 🔒 🖪 🕰 🖤 🎎 i 🖿 🛙	🛓 🔊 🔹 🧶 📰 117% 🔹 📪 <u>Ч</u> тение 📲 Arial	- 8	- 3		\Xi 🔳 🚛 🗄 🛄 🕶 🥸	- <u>A</u>
. 5 . 1 . 4 . 1 . 3 . 1 . 2 . 1 . 1 . 1	1 2 3 4 5 6	7 • 1 • 8 • 1 •	· · · 10	0 + 11 + 0 +	2 * 1 * 13 * 1 * 14 * 1 * 15	• 1
		WP 11-12 (including PPPs)	WP 09-10	Change		1
	1. Networking, computing and service infrastructure	625	540	15,7%		- 11
	1.1 Future Networks	160	190	-15,8%		
	1.2 Software, services and cloud computing technologies	70	110	-36,4%		- 11
	1.3 Networking architecture for <u>LoT</u>	30	20	50,0%		
	1.4 Trustworthy ICT	80	90	-11,1%		
	1.5 Networked Media and Search Systems	70	80	-12,5%		- 8
	1.6 Future Internet Experimental Facility $_{\omega}$	45	50	-10,0%		- 11
	PPP Future Internet	170	0	NA		- 8
	2. Cognitive Systems and Robotics	155	153	1,3%		- 8
	2.1 Cognitive Systems and Robotics	155	153	1,3%		- 8
Total budget for	3. Alternative paths to components and systems	400	375	6,7%		- 8
	3.1 Nancelectronics components	60	60	0% <		- 8
WP2011-12 is	3.2 Integration of smart components and systems	80	80	0,0%		
2407 Bln Eur	3.3 Embedded systems and cooperative monitoring and control	50	60	-16,67%	4	
(1954 Bln for	3.4 Computing systems	45	25	80,0%		
WP09-10)	3.5 Core and disruptive photonics	115	90	27,8% <		
	3.6 Organic electronics and photonics	50	60	-16,7%		
	4. Technologies for Digital Content and Languages	165	126	31%		- 8
Growth - 23,81%	4.1 SME Initiative	35		NA	4	
	4.2 Language Technologies	50	26	92,35%	4	
	4.3 Digital preservation	30	30	0,0%		
	4.4 Information Management	50	70	-28,6%		
	5. Towards sustainable and personalised healthcare	256	234	9,4%	1	
	5.1 Personal Health Systems	60	63	-4%]	
[] [] [] [] [] [] [] [] [] [] [] [] [] [5.2 ICT for Patient Safety	33	30	+10%		

🛛 📐 🗛 тофидуры т 🔪 🔪 🔘 🖂 🥼 🕼 📓 📓 🖄 т 🎿 т 📥 🚎 🛃 🗐

<u>Рисование</u>

<mark>окумент1 - Microsoft Word</mark> айл Правка <u>В</u> ид Вст <u>а</u> вка Фор <u>м</u> ат Се	рвис Таблица Окно Справка				Введите вопрос	
		• 8	8 - 13			۶.
	····	7 • 1 • 8 • 1 •				
			. 10			_
	6. ICT for a low carbon economy	280	189*	48,15%		
	6.1 Smart energy grids	30	20	50%		
	6.2 ICT systems for Energy Efficiency	35	10	250%		
	6.3 ICT for water management	15	0	NA		
	PPP ICT for energy-efficient buildings and spaces of public use	50	25	100,0%		
	6.4 Mobility and freight transport	50	53	-5%		
	6.5 Cooperative systems	40	37	8%		
	PPP ICT for the Fully Electric Vehicle	60	20	200,0%		
	7. ICT for the enterprise and manufacturing	140	52	169,0%		
	PPP ICT for agile manufacturing and customisation	40	35	14,3%		
	PPP Manufacturing solutions for ICT products	20	0	NA		
	PPP Virtual factories and enterprises	45	17	165%		
	PPP Design & product life cycle management	35	0	NA		
	8. ICT for learning and access to cultural resources	100	88	13,6%		
	8.1 Technology-Enhanced Learning	60	49	22,4%		
	8.2 ICT for access to cultural resources	40	39	2,56%		
	Future and Emerging Technologies**	260	171	52%		
	FET-Open	TBC	61	NA		
	FET-Proactive	TBC	110	NA		
	Horizontal Actions and special initiatives	26	26	0%		
	9.1 International Cooperation	15	12	25,0%		
	9.2 NCP	3		NA		
	9.3 General Accompanying Measures (PCP _{****})	8	14	-42,86%		
	Total	2407	1954	23,81%		

🎇 Пуск 📔 🏉 📓 🕗 🧿 🔄 Sky... 🖃 Съе... 🖻 Съе... 🔮 Wor... 👰 Док... 🏝 Пре... 🥸 РИВ...

Targeted opening in WP2011-12 (1)

🔁 WorkProgramme Draftfp7-ICT2011	1-2012 - Microso <u>ft Wor</u>	rd						_ 8 ×
: <u>Ф</u> айл Правка <u>В</u> ид Вст <u>а</u> вка Фо	ор <u>м</u> ат С <u>е</u> рвис <u>Т</u> абли	ща <u>О</u> кно (<u>С</u> правка				Введите вопрос	- ×
i 🗅 💕 🖬 🖪 🔒 🗐 🚳 🕰 💖 🕯	🙇 🖻 🛍 🔊 - 🤮) 🛄 100%	🝷 💷 <u>Ч</u> тение 🚆 Arial	- 9	- X K	ĒĒ≣	🚛 📰 📖 🕶 🥸	- 🔺 - 🗒
Исправления в измененном документе	🝷 По <u>к</u> азать 🕶 🛛 🎲 🎲	🐼 - 🗞 -						
L 1 + 2 + 1 + 1 + 1	1 2	4	6 7 8 9 10	• • 11 • • • 12 • • • 1	• • • 14 • • •	- · · 16 · · ·	17 · · · 18 ·	_
	ICT topic	Instru. ment	Type of activity	Industrialised countries	BRIC	Devel. country, NMPC		
	Future Internet	R&D, CSA	Common/ harmonised standards	US, Japan		-		
1	FIRE + Living Labs	R&D, CSA	Project twinning, joint test facilities	-	Brazil			
4	Search Engine	R&D, CSA	Common/ harmonised standards	Japan	-	-		
- -	RFID, beyond RFID	R&D, CSA	Common/ harmonised standards	US, Japan, South Korea	China, India	-		
-	Green Cloud Computing	CSA	Benchmarking, validation	Japan	-	-		
T	Access to Cultural Heritage	CSA	Raising awareness on standards, competences, tools	-	Russia	-		
	Language technologies	CSA	Working groups, consultations, surveys	-	-	Arabic countries		
	Nano-, molecular electronics	R&D, CSA	Research, joint road mapping	US, Canada, Australia, Japan, Singapore	Russia, Brazil	-		
- · · · · · · · · · · · · · · · · · · ·	Quantum info. processing and communications	R&D, CSA	Research, joint road mapping	US, Canada, Australia, Japan, Singapore	Russia	-		
	Complex Systems Research	R&D,CSA	Research, joint road mapping	-	China, India	-		
	Neuro-engineering	R&D,CSA	Research, joint road mapping	US	-	-		
	Trust and security	R&D,CSA	Common RTD priorities, project twinning, joint test facilities	US, Japan, Australia, S. Korea, Canada	Brazil, India, S. Africa	-		
1 - 14 - 1	Micro, nano electronics, and microsystems	R&D, CSA	RTD, dissemination, road mapping	US, Japan, Taiwan	Russia, Brazil	-		
	Embedded Systems and Control	R&D, CSA	RTD, dissemination, road mapping	US, Australia, Canada	Russia, Brazil, India	-		0 ¥
🗏 🖬 🗉 🕾 🕼 📢 Рисование • 🗽 Автофи <u>г</u> уры •			<mark>》 • ∡ • ▲</mark> • ≡ ≡ 葉 ■ í					<u> </u>
	la 14,4см Ст 25 Кол		″ • 🚄 • 🕰 • 💻 **** 🛼 📟 🖬 1СПР ВДЛ ЗАМ английский 🛛 🕼	· -				
				Microsoft P		EN 📿 🗉	. 4. 2 1 1	15:13
		устонный для					x -x 🐜 🖬 6 20 🔤 💦	10.10

Targeted opening in WP2011-12 (1)

				_				
WorkProgramme Draftfp7-ICT2011								
<u>Ф</u> айл Правка <u>В</u> ид Вст <u>а</u> вка Фо	ор <u>м</u> ат С <u>е</u> рвис <u>Т</u> абли	ща <u>О</u> кно 9	<u>С</u> правка				Введите вопр	
i 🗋 📂 🛃 💪 🔒 🛃 🕰 🖤 🕯	🔍 🗈 🛍 🍠 🛛 💈) 🛄 100%	🝷 🛙 🖽 Цтение 🚆 Times New R	toman 👻 12	- Ж <i>К</i>			- 📴 - <u>A</u> - 🚆
Исправления в измененном документе	• По <u>к</u> азать • 🤧 🄧	🤣 • 🗞 •	늘 唑 - I 🎲 I 🚘 📮					
L · 2 · 1 · 1 · 1 · 2	<u></u>	L · 4 · 1 · 5 ·	<u>د</u> • 6 • 1 • 7 • 1 • 8 • 1 • 9 • 1 • 10 •	- <u>- 1</u> 1 · · · · 12 · · · · 13 ·		а <u>н</u> а - 1 - 10	7 * 0 * 18 *	<u> </u>
-	Sustainable Growth	CSA	Harmon. standard, measurement	US, Japan	-	-		
	ICT topic	Instru- ment	Type of activity	Industrialised countries	BRIC	Devel. country, NMPC		
	Photonics	R&D, CSA	Research, Interoperable solutions and standards	US, Japan, Canada, <u>Austra-</u> Ija, South Korea, Taiwan	Russia	-		
5 · · · 4 · · · 3	Flexible, Organic and Large Area Electronics	R&D, CSA	Research, Equipment	Japan, South Korea, Taiwan	-	-		
- - - -	ICT for Transport	R&D, CSA	RTD, technology transfer, interoperable solutions and standards road mapping	USA, Canada, Japan, Australia	Russia, China, India	Latin America, Africa		
	ICT for Health	R&D, CSA	Technology transfer on Telemedicine	-	-	Latin America		
- - -	e-Government	R&D,CSA	ICT for Governance and policy modelling	US, Canada	-	-		
	e-Inclusion	CSA	Standardisation, bench-marking on e-accessibility and ICT for independent living /ageing well	US	-	-		
	Sustainable Growth	CSA	Harmon. standard, measurement	US, Japan	-	-		
· 1 · 13 · 1 · 12 · 1 · 11 · 1 · 10 · 1 · 9 · 1 · 8 · 1 · 7 · 1 · 6 · 1 · 6	I							-
14 - 1 - 13 - 13 - 13 - 13 - 13 - 13 - 1								* • •
								Þ
🗄 <u>Р</u> исование 🔹 🔓 Автофи <u>с</u> уры 🔹 🔪	🔪 🗆 🔿 🔠 ᆀ 🕄	: 🔹 🔜 🖓	<mark>> - <u>⊿</u> - <u>▲</u> - ≡ ☴ ☴ ⊒ 🗋</mark>	-				
Стр. 29 Разд 5 29/29 Н	а 13,4см Ст 24 Кол	1 ЗАП И	1CПР ВДЛ ЗАМ английский 💷 					
🏦Пуск 🛛 🏉 🚮 💽 🔯	Skype™ 🖃 Ct	емны	ъемны 🕑 WorkPr 💽 Microsof.		S4:000	😒 en 📿 🔩	💐 😒 📴 🔘	15:18

EU-Russia Coordinated Call (1)

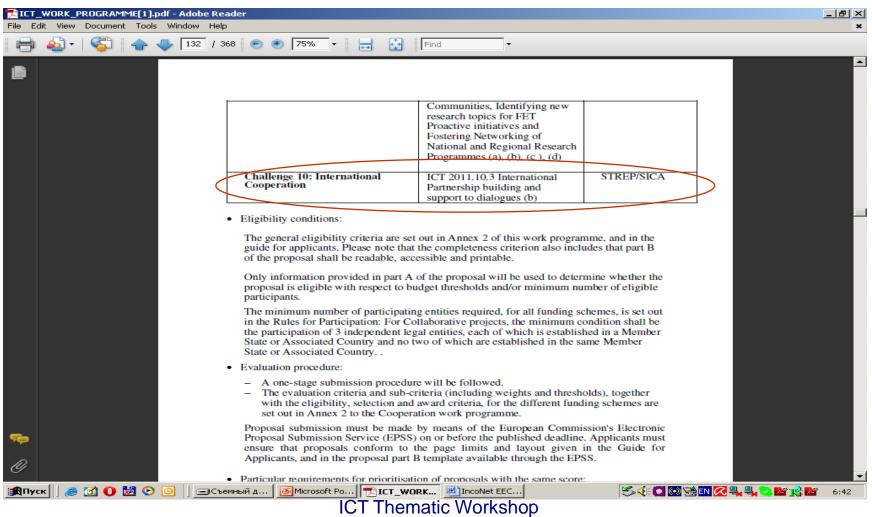
🔁 ІСТ_	WORK_PROGRA						_	. <u>8</u> ×
File Ed	lit View Docume	nt Tools \	Window Help)				×
8	🕹 • 🍣		166 / 3	68 💿 💌 75% 🗸	Find 🗸			
				<u>Call title: ICT – EU l</u>	Russia Coordinated Call			
_				Call identifier: FP7-ICT-2	2011-EU-Russia			
				Date of publication: 30 Ju	ıly, 2010. ¹³⁴			
				projects funded by the Min	2010 at 17.00.00 (Brussels local time) ¹³⁵ and f nistry of Education and Science of Russia on 8 ime) according to the respective requirements Science of Russia.	8 September, 2010 at		
				Indicative budget ¹³⁶ : EUF expected from the Ministry	R 4 million ¹³⁷ . A budget of app. EUR 2 million y of Education and Science of Russia.	for the call is		
					n in this work programme are indicative. The evaluation of proposals, may vary by up to 10			
				See indicative budget brea	kdown in section 7 of the ICT work program	me.		
				Topics called:				
				Topic called	Topics	Funding Scheme		
				Objective ICT- 2009.10.2 EU-Russia Research and	(a) Programming Models and Runtime Support	Small or medium scale focused research projects		
				date of publication. ¹³⁵ At the time of publication of months. ¹³⁶ A reserve list will be constit extra budget becomes available	isible for the call may publish it up to one month prior the call, the Director-General responsible may delay the uted if there are a sufficient number of good quality pro- preliminary draft budget for 2011 is adopted without n 166 of 184	his deadline by up to two oposals. It will be used if		
%								
Ø								
; இПу с	K 🛛 🥭 🗹 🚺	1)	10	Microsoft PowerPoint - [1] TICT_WORK_PRO CT Thematic Workshop 17-18 May 2010 Minsk)GRAM 🦻 🍕 🖸 🞯 😒	◙◙ऺॖॣॖҶ҈ॖॖऀॾॱढ़ऺऀॾॱ	5:59

EU-Russia Coordinated Call (2)

	WORK_PROGRAMME[1 it View Document Too	I].pdf - Adobe Reader Jols Window Help	_	. 8 × ×
	🔬 - 🌍 🛖	🔸 🚽 167 / 368 💌 🖲 75% 🔹 🥁 🙀 Find		
		(b) Performance Analysis Tools for High-Performance Computing		
		(c) Optimisation, Scalability and Porting of Codes		
		Eligibility conditions:		
		The eligibility criteria are set out in Annex 2 of this work programme, and in the guide for applicants. Please note that the completeness criterion also includes that part B of the proposal shall be readable, accessible and printable.		
		Only information provided in part A of the proposal will be used to determine whether the proposal is eligible with respect to budget thresholds and/or minimum number of eligible participants.		
		The minimum number of participating legal entities required for this call is summarised in the table below ¹³⁸ :		
		Funding scheme Minimum conditions		
		Collaborative Projects At least 3 independent legal entities, each of		
		STREPs which is established in a MS or AC , and no two of which are established in the same MS or AC.		
		Additional eligibility criterion:		
		Proposals which do not include coordination with a Russian project will be considered ineligible. Therefore, the EC project proposals must include detailed explanations about the coordinated Russian proposal submitted in parallel to the Ministry of Education and Science of Russia. Proposals will only be evaluated on the condition that the proposal related to their coordinated Russian project has also been presented for funding to the Ministry of Education and Science of Russia.		
%		In addition, for each Small or medium scale focused research project, the project duration shall not exceed 24 months and the maximum EC funding requested must not exceed EUR		
Ø		1.500.000. Evaluation procedure:		-
:	« 🥭 🗹 🚺 🥨	🖸 🔟 🖃 Съемный диск (F:) 🔰 🐻 Microsoft PowerPoint - [I 🔀 ICT_WORK_PROGRAM 🛛 🏷 👀 ன 😒 💷 🕼	Z 🔩 🔩 😒 😰 🥵 🔛	6:00
		ICT Thematic Workshop		

17-18 May 2010 Minsk

SICA for EECA in the ICT Call 9



17-18 May 2010 Minsk

THANK YOU FOR ATTENTION