## Horizon 2020

Call: H2020-ICT-2014-1

Topic: ICT-15-2014

Type of action: IA

Proposal number: SEP-210153264

Proposal acronym: QROWD

#### Table of contents

Section	Title	Action
1	General information	
2	Participants & contacts	
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#### How to fill in the forms

The administrative forms must be filled in for each proposal using the templates available in the submission system. Some data fields in the administrative forms are pre-filled based on the previous steps in the submission wizard.



Proposal ID	SEP-210153264
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Acronym QROWD

i - General i	11111	Offialioff				
Topic	pic ICT-15-2014			Type of a	ction	IA
Call identifier	H2	020-ICT-2014-1	-2014-1 Acronym QRON		QROWD	
Proposal title*	Qı	uality Repair for Oper	Web Data			
	Note		ons, the following chara	acters are not accepted in the	Propo	osal Title and will be removed: <
Duration in month	hs [	30				
Fixed keyword	d 1 [	Linked open data			A	dd
Fixed keyword	d 2	Data curation			Α	dd Remove
Fixed keyword	8 b	Information systen	18		A	dd Remove
Free keyword	ds	Quality, Crowdsourci	ng, Data Life Cycle			
Abstract	·					
The aim of the proposal is to realize two business scenarios (combining four business interest partners) along the data value chain. Each of them addresses aspects of Linked (Open) Data management, which are challenged by the fact that Linked Data sets, open or corporate, for whatever reasons (technology, costs of human labor etc) are very noisy. In the project we will develop and provide a library of services that bring together human and computational intelligence to identify and solve quality issues along the Linked Data Life Cycle. These services will be added to data management solutions available at Brox, SWC and Ontos and further customized and evaluated those two business scenarios. The result will be a set of technologies for quality mechanisms, covering the full data value chain for Linked Data which is needed in various sectors. New and/or optimised products and services along the data value chain - either for the ICT vendors as well as for the business partners are the final outcome of QROWD.						
Remaining characto	ters	981				
				ast 2 years in response to or any other EU programm		for  • Yes  • No
		Please give th	e proposal reference	or contract number.		
SEP-210088333						



#### **Proposal Submission Forms**

Proposal ID SEP-210153264 Acronym QROWD

#### **Declarations**

1) The coordinator declares to have the explicit consent of all applicants on their participation and on the content of this proposal.	
2) The information contained in this proposal is correct and complete.	
3) This proposal complies with ethical principles (including the highest standards of research integrity — as set out, for instance, in the <u>European Code of Conduct for Research Integrity</u> — and including, in particular, avoiding fabrication, falsification, plagiarism or other research misconduct).	
4) The coordinator confirms:	•
- to have carried out the self-check of the financial capacity of the organisation on https://ec.europa.eu/research/participants/portal4/desktop/en/organisations/lfv.html. Where the result was "weak" or "insufficient", the coordinator confirms being aware of the measures that may be imposed in accordance with the H2020 Grants Manual (Chapter on Financial capacity check); or	×
- is exempt from the financial capacity check being a public body including international organisations, higher or secondary education establishment or a legal entity, whose viability is guaranteed by a Member State or associated country, as defined in the H2020 Grants Manual (Chapter on Financial capacity check); or	
- as sole participant in the proposal is exempt from the financial capacity check.	
5) The coordinator hereby declares that each applicant has confirmed:	
- they are fully eligible in accordance with the criteria set out in the specific call for proposals; and	
- they have the financial and operational capacity to carry out the proposed action.	
The coordinator is only responsible for the correctness of the information relating to his/her own organisation. Ear remains responsible for the correctness of the information related to him and declared above. Where the proposite retained for EU funding, the coordinator and each beneficiary applicant will be required to present a formal decla	al to be

According to Article 131 of the Financial Regulation of 25 October 2012 on the financial rules applicable to the general budget of the Union (Official Journal L 298 of 26.10.2012, p. 1) and Article 145 of its Rules of Application (Official Journal L 362, 31.12.2012, p.1) applicants found guilty of misrepresentation may be subject to administrative and financial penalties under certain conditions.

#### Personal data protection

respect.

Your reply to the grant application will involve the recording and processing of personal data (such as your name, address and CV), which will be processed pursuant to Regulation (EC) No 45/2001 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. Unless indicated otherwise, your replies to the questions in this form and any personal data requested are required to assess your grant application in accordance with the specifications of the call for proposals and will be processed solely for that purpose. Details concerning the processing of your personal data are available on the privacy statement. Applicants may lodge a complaint about the processing of their personal data with the European Data Protection Supervisor at any time.

Your personal data may be registered in the Early Warning System (EWS) only or both in the EWS and Central Exclusion Database (CED) by the Accounting Officer of the Commission, should you be in one of the situations mentioned in:

- -the Commission Decision 2008/969 of 16.12.2008 on the Early Warning System (for more information see the Privacy Statement), or
- -the Commission Regulation 2008/1302 of 17.12.2008 on the Central Exclusion Database (for more information see the Privacy Statement) .

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## 2 - Administrative data of participating organisations

PIC Legal name
986022364 SEMANTIC WEB COMPANY GMBH

Short name: SWC

Address of the organisation

Street MARIAHILFERSTRASSE 70/8

Town WIEN

Postcode 1070

Country Austria

Webpage http://www.semantic-web.at

Legal Status of your organisation

#### Research and Innovation legal statuses



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QROWD

D	epart	ment	(S)	carrying	out t	he	proposed	work
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#### Department 1

Department name	Semantic Web Company	
Street	MARIAHILFERSTRASSE 70/8	Same as organisation address
Town	WIEN	
Postcode	1070	
Country	Austria	

Character of dependence	Participant		
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#### **Proposal Submission Forms**

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#### Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title				Sex	<ul><li>Male</li></ul>	○ Female
First name	Martin			Last name	Kaltenbö	ck
E-Mail	m.kaltenboeck@semar	ntic-web.at				
Position in org.	CFO					
Department	Semantic Web Company	/				
Street	MARIAHILFERSTRASS	E 70/8				Same as organisation address
Town	WIEN			Post code 1	070	
Country	Austria					
Website	www.semantic-web.at					
Phone	+431402123525	Phone 2	+XXX XXXXXXX	(XX	Fax	+431402123522

#### Other contact persons

First Name	Last Name	E-mail	Phone
Thomas	Thurner	t.thurner@semantic-web.at	+431402123531



Proposal ID SEP-210153264 Acronym QROWD

PIC Legal name

20gar namo

965218289 BROX IT-SOLUTIONS GMBH

Short name: BROX IT-SOLUTIONS GMBH

Address of the organisation

Street AN DER BREITEN WIESE 9

Town HANNOVER

Postcode 30625

Country Germany

Webpage www.eccenca.com

Legal Status of your organisation

Research and Innovation legal statuses

International organisation of European interest ...... no Secondary or Higher education establishment ...... no

International organisation ......no

Research organisation ......no

Small and Medium-sized Enterprises (SMEs) ...... no



#### **Proposal Submission Forms**

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**QROWD** 

posed work

#### **Department 1**

Department name	brox IT-Solutions GmbH	
Street	AN DER BREITEN WIESE 9	Same as organisation address
Town	HANNOVER	
Postcode	30625	
Country	Germany	

Character of dependence	Participant	
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Proposal ID SEP-210153264 Acronym QROWD

#### Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title	Mr.			Sex	<ul><li>Male</li></ul>	○ Female
First name	Hans-Christian			Last name	Brockm	ann
E-Mail	brockmann@brox.c	le				
Position in org.	Please indicate the p	oosition of the Co	ntact Point ab	ove in the orga	anisation.	
Department	Please indicate the d	lepartment of the	Contact Poin	t above in the	organisatio	þ
Street	AN DER BREITEN V	VIESE 9				Same as organisation address
Town	HANNOVER			Post code 3	0625	
Country	Germany					
Website	http://brox.de/					]
Phone	0049 151 17238616	Phone 2	+XXX XXXXXX	XXX	Fax	+XXX XXXXXXXXX

#### Other contact persons

First Name	Last Name	E-mail	Phone
Robert	Isele	risele@brox.de	0049 151 17238616



Proposal ID SEP-210153264 Acronym **QROWD** PIC Legal name 965173960 ONTOS AG Short name: OAG Address of the organisation Street MITTELSTRASSE 24 Town NIDAU Postcode 2560 Country Switzerland Webpage www.ontos.com Legal Status of your organisation Research and Innovation legal statuses Public body ......no Legal person ..... yes Non-profit ......no International organisation ......no International organisation of European interest ..... no Secondary or Higher education establishment ...... no Research organisation ......no Small and Medium-sized Enterprises (SMEs) ...... no



Proposal Submission Forms

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**QROWD** 

oposed work

#### **Department 1**

Department name	Management	
Street	MITTELSTRASSE 24	Same as organisation address
Town	NIDAU	
Postcode	2560	
Country	Switzerland	

Character of dependence	Participant	
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#### **Proposal Submission Forms**

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#### Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title	Mr.	Sex	<ul><li>Male</li></ul>	○ Female
First name	Daniel	Last name	e <b>Hladky</b>	
E-Mail	daniel.hladky@ontos.com			
Position in org.	CEO			
Department	Management			
Street	MITTELSTRASSE 24			Same as organisation address
Town	NIDAU	Post code	2560	
Country	Switzerland			
Website	www.ontos.com			
Phone	0041323329250 Phone 2 +xxx xxxxxxxx	(X	Fax	0041323329252



Proposal ID SEP-210153264 Acronym QROWD

PIC Legal name

962418481 PARTNERSCHAFT FUR ERNEUERBARE ENERGIE UND ENERGIEEFFIZIENZ REEEP VEREIN

Short name: REEEP

Address of the organisation

Street WAGRAMERSTRASSE 5

Town WIEN

Postcode 1400

Country Austria

Webpage www.reeep.org

Legal Status of your organisation

#### Research and Innovation legal statuses



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# Department(s) carrying out the proposed work Department 1 Department name International Secretariat Street WAGRAMERSTRASSE 5 Town WIEN Postcode 1400 Country Austria Dependencies with other proposal participants

Character of dependence	Participant	
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Proposal ID SEP-210153264 Acronym QROWD

#### Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title	Mrs			Sex		• Female
First name	Quinn			Last name	e <b>Ferguso</b>	n
E-Mail	quinn.ferguson@re	eep.org				
Position in org.	Senior Project Mana	ger				
Department	International Secreta	riat				
Street	WAGRAMERSTRAS	SE 5				Same as organisation address
Town	WIEN			Post code	1400	
Country	Austria					
Website	http://www.reeep.org					
Phone	+431260263247	Phone 2	+XXX XXXXX	XXXX	Fax	+XXX XXXXXXXX

#### Other contact persons

First Name	Last Name	E-mail	Phone
Florian	Bauer	florian.bauer@reeep.org	+431260263714



Proposal ID SEP-210153264 Acronym **QROWD** PIC Legal name 954660324 **UNISTER GMBH** Short name: UNISTER GMBH Address of the organisation Street BARFUSSGASSCHEN 11 Town LEIPZIG Postcode 04109 Country Germany Webpage www.unister.de Legal Status of your organisation Research and Innovation legal statuses Public body ......no Legal person ..... yes Non-profit ......no International organisation ......no International organisation of European interest ..... no

Nace code

Secondary or Higher education establishment ......no
Research organisation ......no
Small and Medium-sized Enterprises (SMEs) ......no



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Department(s <sub>.</sub>	) carrying out	t the proposed	work
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#### **Department 1**

Department name	Research and Development	
Street	BARFUSSGASSCHEN 11	Same as organisation address
Town	LEIPZIG	
Postcode	04109	
Country	Germany	

Character of dependence	Participant	
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Proposal ID SEP-210153264 Acronym QROWD

#### Person in charge of the proposal

The name and e-mail of contact persons are read-only	y in the administrative form,	only additional details ca	n be edited here. 7	o give access
rights and basic contact details of contact persons, ple	ease go back to Step 4 of th	e submission wizard and	save the changes	

Title		Sex	<ul><li>Male</li></ul>	○ Female
First name	<b>Andreas</b> La	ast name	Both	
E-Mail	andreas.both@unister.de			
Position in org.	Head of Research and Development			
Department	Research and Development			
Street	BARFUSSGASSCHEN 11			Same as organisation address
Town	LEIPZIG Posi	st code 04	109	
Country	Germany			
Website	http://www.unister.de			
Phone	+49 (0)341 65050 244 Phone 2 +xxx xxxxxxxx		Fax	+XXX XXXXXXXX



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PIC Legal name

998797652 INSTITUT FUR ANGEWANDTE INFORMATIK EV

Short name: INFAI

Address of the organisation

Street AUGUSTUSPLATZ 10/11

Town LEIPZIG

Postcode 04109

Country Germany

Webpage http://www.infai.org

Legal Status of your organisation

Research and Innovation legal statuses

Non-profit ......yes

International organisation ......no

International organisation of European interest ..... no

Secondary or Higher education establishment ...... no

Research organisation ......yes

Small and Medium-sized Enterprises (SMEs) ...... no



#### **Proposal Submission Forms**

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Department(s) ca	arrying out the proposed work	
Department 1		
Department name	InfAl	
Street	AUGUSTUSPLATZ 10/11	Same as organisation address
Town	LEIPZIG	
Postcode	04109	
Country	Germany	

Character of dependence	Participant	
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#### **Proposal Submission Forms**

Proposal ID SEP-210153264 Acronym QROWD

#### Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title	Dr.			Sex	<ul><li>Male</li></ul>	○ Female
First name	Jens			Last name	Lehmann	
E-Mail	lehmann@informat	k.uni-leipzig.de	•			
Position in org.	Research Group Lea	der				
Department	Please indicate the o	lepartment of the	Contact Point	above in the c	rganisation	
Street	AUGUSTUSPLATZ	0/11				oxtimes Same as organisation address
Town	LEIPZIG			Post code 04	1109	
Country	Germany					
Website	http://infai.org/					
Phone	+49-341-97-32260	Phone 2	+XXX XXXXXXX	XXX	Fax	+xxx xxxxxxxxx



Proposal ID SEP-210153264 Acronym QROWD

PIC Legal name

999975329 UNIVERSITY OF SOUTHAMPTON

Short name: SOUTHAMPTON

Address of the organisation

Street Highfield

Town SOUTHAMPTON

Postcode SO17 1BJ

Country United Kingdom

Webpage http://www.southampton.ac.uk

Legal Status of your organisation

Research and Innovation legal statuses

Public body ......yes Legal person ......yes

Non-profit .....yes

International organisation ......no

International organisation of European interest ..... no

Secondary or Higher education establishment ...... yes

Research organisation ......yes

Small and Medium-sized Enterprises (SMEs) ...... no



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#### Department(s) carrying out the proposed work

#### Department 1

Department name	ECS, Faculty of Physical Sciences and Engineering	
Street	Highfield	Same as organisation address
Town	SOUTHAMPTON	
Postcode	SO17 1BJ	
Country	United Kingdom	

Character of dependence	Participant	
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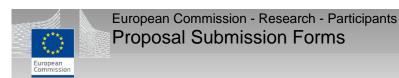
#### **Proposal Submission Forms**

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#### Person in charge of the proposal

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Title	Mrs			Sex	○ Male	• Female
First name	Elena			Last name	Simperl	
E-Mail	e.simperl@soton.ac	.uk				
Position in org.	Academic staff					
Department	ECS, Faculty of Phys	ical Sciences a	nd Engineering	9		
Street	Highfield					Same as organisation address
Town	SOUTHAMPTON			Post code S	O17 1BJ	
Country	United Kingdom					
Website	http://www.ecs.soton	ac.uk/				
Phone	+44 (0)23 8059 7692	Phone 2	+XXX XXXXXX	XXX	Fax	+XXX XXXXXXXX



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## 3 - Budget for the proposal

Participant	Country	(A) Direct personnel costs/€	(B) Other direct costs/€	(C) Direct costs of sub- contracting/€	(D) Direct costs of providing financial support to third parties/€	(E) Costs of inkind contributions not used on the beneficiary's premises/€	(F) Indirect Costs / €  (=0.25(A+B-E))	(G) Special unit costs covering direct & indirect costs / €	(H) Total estimated eligible costs / € (=A+B+C+D+F +G)	(I) Reimburse- ment rate (%)	(J) Max. grant / € (=H*I)	(K) Requested grant / €
		?	?	?	?	?	?	?	?	?	?	?
SEMANTIC WEB CO	АТ	483 875	20 696	0	0	0	126 143	0	630 714	70	441 500	441 500
BROX IT-SOLUTION	DE	450 000	18 816	0	0	0	117 204	0	586 020	70	410 214	410 214
ONTOS AG	СН	375 000	22 196	0	0	0	99 299	0	496 495	70	347 547	0
PARTNERSCHAFT	АТ	278 800	18 896	0	0	0	74 424	0	372 120	100	372 120	372 120
UNISTER GMBH	DE	295 000	16 176	0	0	0	77 794	0	388 970	70	272 279	272 279
INSTITUT FUR ANG	DE	351 000	29 176	0	0	0	95 044	0	475 220	100	475 220	475 220
UNIVERSITY OF SC	UK	405 000	18 528	0	0	0	105 882	0	529 410	100	529 410	529 410
Total		2 638 675	144 484	0	0	0	695 790	0	3 478 949		2 848 290	2 500 743



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#### 4 - Ethics issues table

1. <u>HUMAN EMBRYOS/FOETUSES</u> i		Page
Does your research involve Human Embryonic Stem Cells (hESCs)?	○ Yes	
Does your research involve the use of human embryos?	○Yes •No	
Does your research involve the use of human foetal tissues / cells?	○Yes •No	
2. HUMANS		Page
Does your research involve human participants?	○Yes •No	
Does your research involve physical interventions on the study participants?	○Yes • No	
Does it involve invasive techniques?	○Yes	
3. HUMAN CELLS / TISSUES		Page
Does your research involve human cells or tissues? If your research involves human embryos/foetuses, please also complete the section "Human Embryos/Foetuses" [Box 1].	⊖Yes	
4. PROTECTION OF PERSONAL DATA ii		Page
Does your research involve personal data collection and/or processing?	○Yes	
Does your research involve further processing of previously collected personal data (secondary use)?	⊖Yes	
5. <u>ANIMALS</u> iii		Page
Does your research involve animals?	○Yes • No	



Proposal ID SEP-210153264 Acronym QROWD 6. NON-EU COUNTRIES Page Does your research involve non-EU countries? Yes ○ No Switzerland Do you plan to use local 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.)? Do you plan to import any material - including personal data - from non-EU countries into ○Yes ● No the EU? If you consider importing data, please also complete the section "Protection of Personal Data" [Box 4]. Do you plan to export any material - including personal data -from the EU to non-EU ○Yes ● No countries? If you consider exporting data, please also complete the section "Protection of Personal Data" [Box 4]. If your research involves low and/or lower middle income countries, are benefits-sharing measures foreseen? Could the situation in the country put the individuals taking part in the research at risk? 7. ENVIRONMENT PROTECTION vi <u>Directive 2001/18/EC</u> - vii <u>Directive 2009/41/EC</u> - viii <u>Regulation EC No 1946/2003</u> - ix <u>Directive 2008/56/EC</u> x <u>Council Directive 92/43/EEC</u> - xi <u>Council Directive 79/409/EEC</u> - xii <u>Council Regulation EC No 338/97</u> Page Does your research involve the use of elements that may cause harm to the Yes 

No environment, to animals or plants? Does your research deal with endangered fauna and/or flora and/or protected areas? Does your research involve the use of elements that may cause harm to humans, including research staff? 8. DUAL USE Xiii Page Does your research have the potential for military applications? ○ Yes ● No 9. MISUSE Page Does your research have the potential for malevolent/criminal/terrorist abuse? ○ Yes ● No



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10. OTHER ETHICS ISSUES					Page
Are there any other ethics issues that	should be t	taken into consideration? Please specify	○ Yes	<ul><li>No</li></ul>	

I confirm that I have taken into account all ethics issues described above and if any ethics issues apply, I have attached the required documents.



#### **Proposal Submission Forms**

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## 5 - Call specific questions

#### Open Research Data Pilot in Horizon 2020

Data Management will be integrated in another way.

If selected, all applicants will participate in the Pilot on Open Research Data in Horizon 20201, which aims to improve and maximise access to and re-use of research data generated by actions. Participating in the Pilot does not necessarily mean opening up all research data. Actions participating in the Pilot will be invited to formulate a Data Management Plan in which they will determine and explain which of the research data they generate will be made open.

Applicants have the possibility to opt out of this Pilot and must indicate a reason for this choice.

Participation in this Pilot does not constitute part of the evaluation process. Proposals will not be evaluated favourably because they are part of the Pilot and will not be penalised for opting out of the Pilot.

We wish to opt out of the Pilot on Open Research Data in Horizon 2020.	○Yes	<ul><li>No</li></ul>	
According to article 43.2 of Regulation (EU) No 1290/2013 of the European Parliament and of the Council, of 11 December 2013, ladissemination in "Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)" and repealing Regulation (EU)			and
Data management activities			
The use of a <u>Data Management Plan (DMP)</u> is required for projects participating in the <u>Open Research Data Pilot in Horizon 2020</u> , in the form of a deliverable in the first 6 months	hs of the pro	oject.	
All other projects may deliver a DMP on a voluntary basis, if relevant for their research.			
Are data management activities relevant for your proposed project?	<ul><li>Yes</li></ul>	○ No	
A Data Management Plan will be delivered (Please note: Projects participating in the Open Research Data Pilot <u>must</u> include a Data Management Plan as a deliverable in the first 6 months of the project).			
Data Management is part of a Work Package.			