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Applying European market leadership to river basin networks and spreading of innovation on water ICT models, tools and data.

Deliverable D7.4
Collection of ideas and innovations

Version 3.2

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0.1	08/12/2016	GP	Created the basic content of the deliverable
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3.0	22/02/2017	GP	Final report
3.1	28/02/2017	LP_CREAF	Last minor format changes
3.2	05/07/2017	EP_CREAF	Modifications regarding the protection of personal data

Table of Contents

1. Introduction

According to the DOW work package 7 has to deal with the creation of multimedia products, tutorials and participative e-learning platforms and the development of activities aimed to facilitate and increase the use of the marketplace.
It will also consider the possibility to conduct competitions and youth involvement measures. The specific objectives of this WP are:

- To promote multi-directional learning among the project partners, entities and actors.
- To raise awareness and promote a bottom-up approach within the business community and market actors for identifying opportunities and supporting their implementation processes.
- To improve the interactions between the user and practitioner community, the society and ICT business WaterInnEU and market community.

The WP includes 5 different tasks and 3 deliverables. The planning is the following:

This report concern the description of the deliverable “D 7.4 *Collection of ideas and innovations*” to be submitted at month 24th.
This deliverable describes the results of the “youth competitions: ideas and innovations for the water sector”. It was decided by the consortium to orient the competition on products selected by the consortium through a process of screening the EU funded innovative solutions relevant to water basin management to be promoted by the WaterInnEU project. The deliverable describes also the process to select the product undertaken by WP7 with the other members of the consortium. This deliverable in then constituted by this report and by the tutorials and the multimedia material annexed.

2. Selection of the products to be promoted by WaterInnEU

In deliverable 7.1 the procedure to select the products to be promoted by WaterInnEu was described. In this task, as further step taken to define the product to be promoted through the youth competition, the consortium evaluated the readiness of the different projects to the market and the suitability for young professionals and students.

3. Products for the youth competition

The product chosen was AQUASURVEY. AQUASURVEY is a software to manage field campaigns for data collection. AQUASURVEY supports users through all the necessary steps to carry out field data campaigns such as: the design of the survey, the management of the field operators, the collection of data using mobile devices, and the integration of data collected in GIS or statistical software. This process does not need an Internet connection during data collection. In fact, the mobile app includes several offline options to overcome Internet connection problems or absence during the implementation of field campaigns.

This tool allows to monitor and geo-reference ongoing survey, and to integrate data collected by different surveyors. It can also produce customised graphs and statistics, which can provide an overview of collected datasets through automatic reporting.

The AQUASURVEY consists of two components: one desktop component for designing the survey, assigning the work to surveyors and managing results; and a mobile app for Android devices for carrying out the actual data collection in the field.

AQUASURVEY is an open-source application, developed with European Union funding, and is free of charge.

4. Task 7.4 the competition

Description of the competition:

The WaterInnEU consortium launched two competitions:

1. Propose an innovative way of testing Aquasurvey, identify funds and carry out the testing in a real situation;
2. Propose an innovative way of providing trainings about Aquasurvey, identify funds and carry out a test training;

The WaterInnEU consortium through Randbee consultants supported the awarded proposal through technical and scientific assistance.

Guidelines:

- Proposals will have to be a maximum of three A4 pages (font 11, single space);
- Proposals will have to include the following information:
    - Introduction, rationale, description of activities, calendar, budget
- The following information will also have to be included:
    - Information about the organizations supporting the proposals will have to be included;

- source of funding;
- The experience of the organization supporting the proposal and working with young professional in the water sector will have to be demonstrated.

4.1.1. Launch of the competition

The competition was launched the 17th of July 2016 on the WaterInnEU Website and was promoted on social media (facebook, linkedin and twitter), partners networks, companies websites, etc.

Given the fact that no financial support was foreseen as incentive but only technical assistance from Randbee, the fact that 3 full proposals were submitted can be considered a success. The organizations submitting the proposal understood the potential of the WaterInnEU project and the potential of the product promoted by WaterInnEU.

4.1.2. Proposals submitted

Annex 1 includes the proposals submitted. A proposal was for Tunisia, one for Burkina Faso and another one for Pakistan. Three different organisations applied, 2 NGOs and a Consulting company. All of them with very good link with the youth organisation of students and young professional in the water sector. Two of the proposal asked for a financial support (not foreseen) and a proposal, the Burkina Faso one was self-sustained thanks to a parallel project ongoing.

4.1.3. Evaluation

Three proposals (Annex 1) were received within the deadline (10/09/2016) at the email provided for the competition: info@randbe.es

The following report summarizes the evaluation of the 3 proposals received.

The evaluators were:

- Andrea Leone (Randbee Consultants)
- Gloria Passarello (Randbee Consultants)
- Juan Arevalo (Randbee Consultants)

Evaluators agreed on a consolidated evaluation report for simplicity.

The following were the criteria for the evaluation:

Scoring

Scores must be in the range 0-5. Half marks may be given. Evaluators will be asked to score proposals as they were submitted, rather than on their potential if certain changes were to be made. When an evaluator identifies significant shortcomings, he or she must reflect this by awarding a lower score for the criterion concerned.

Interpretation of the scores

0 — The **proposal fails to address the criterion** or cannot be assessed due to missing or incomplete information.

— **Poor**. The criterion is inadequately addressed, or there are serious inherent weaknesses.

— **Fair.** The proposal broadly addresses the criterion, but there are significant weaknesses.

— **Good.** The proposal addresses the criterion well, but a number of shortcomings are present.

— **Very Good.** The proposal addresses the criterion very well, but a small number of shortcomings are present.

— **Excellent.** The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

Thresholds

The threshold for individual criteria is 3. The overall threshold, applying to the sum of the three individual scores, is 10.

Finally the proposal selected was the one submitted by Young Water Solutions for several reasons, such as the fact that it was self-sustainable and that it was related to a project already ongoing by the same organization. Besides the proposal was clearer and the external support of the network and of other institutions such as the Université libre de Bruxelles (ULB) was a benefit for the proposal.

The final scores were the following:

- YOUNG WATER SOLUTIONS – 14 points
- DEEP BLUE CONSULTANTS – 9 points
- GOODPLANET BELGIUM – 9 points

The evaluation report is included as Annex 2.

4.1.4. Proposal selected

The proposal selected was submitted by Young Water Solutions, an international non-profit organization aiming to develop and support the potential of young people to contribute to universal water and sanitation supply and water resources management.

Young Water Solutions is led by 16 co-Founders with a variety of profiles, skills and experience, who form a dynamic and unique group of experts. Ranging from youth people leading international water networks while still pursuing their studies, to senior experts with

decades of qualified experience working for international organizations, with a truly intergenerational, transnational and multidisciplinary team.

Over the last two years, Young Water Solutions has empowered young leaders in Africa, Europe and Asia, thereby implementing field projects across these continents, in partnership with a diverse range of funding and advising partners. Projects undertaken ranged from 3.500 up to 120.000 euros, and included both field projects on water supply and technical training for our members.

The projects of Young Water Solutions have proven to bring about technically innovative approaches to water supply, as well as socially innovative approaches to water supply and water resources management. Being able to apply the Aquasurvey-tool through our work, would allow them to better monitor and evaluate their projects.

At current, Young Water Solutions is implementing a 120.000 euros WASH and water resources management project in the rural village (Korsimoro), Burkina Faso. As such, there is a mobilized network of young people from established youth organizations in Burkina nationally, and young people from the rural village. The ongoing project runs from March 2016 till September 2017. Through youth-led interventions, accompanied by senior experts, 4 new water pumps will be installed and 2 other will be repaired. Around 90 latrines will be constructed, and the water resources management will be reviewed. A significant part of the project focuses on capacity building of local farmers, local women's groups, and the village's youth. Aquasurvey is an ideal tool for monitoring and evaluating the impact of this project, and for empowering the local youth to expand their actions beyond this current project. The village in will only be one of the areas on which we plan to apply the Aquasurvey-tool. So to close the gap between the need for attention on rural water issues and urban water issues, it is proposed to organize the Aquasurvey-training for a group composed of people involved in the project in rural , and people active in Wara and outskirts. This will considerably expand the impact delivered by the trained individuals, and allow for an interesting exchange of experience between people operating in a rural area and people operating in an urban setting. Also, the training beneficiaries will come from a diverse range of backgrounds. Firstly, this will result in interdisciplinary exchange of experiences and networking between e.g. young scientists, young technicians, young social scientists, young journalists, young policy-professionals, etc. Second, this will again increase the impact of the project, ranging beyond the 'water-box'. Lastly, it is remarked that the training will go beyond introducing Aquasurvey, and also include training on survey methodology and practice.

After the training, which will take place in Wara with experts from Brussels Free University (ULB), test-surveys will be implemented in the outskirts of Wara and in rural, by teams of

young people, accompanied by senior experts. The EU-Representation in Burkina Faso will be involved throughout all stages of the project, and the training and test-implementation may be slightly adapted in accordance with the priorities of the EU-interventions in Burkina Faso, if the EU Representation in Burkina Faso desires so.

The following are the proposed activities covered by this project

a) Design of survey questions and methodology (October 2016) in cooperation with technical expert

b) Development of a training-module for the training in Wara; this module will be developed into a video training module after the training in Wara. (September 2016)

c) Identification of training beneficiaries (October 2016)

d) Implementation of the training in Wara (October 2016)

e) Implementation of a test-Aquasurvey data collection (November 2016- ?

f) Evaluation and dissemination of results (December 2016, early January 2017)

5. The field testing of AquaSurvey

Activities foreseen were carried by Young Water Solutions as planned. In annex 3 the test questionnaire that was implemented (in French).

The tool was used after the foreseen training. Even though the training was short, given the easiness of the use of the apps, the experience was positive and the results are presented in annex 3. Even though this was a simple set of questions, the preliminary results allow to have an overview of the needs of the people interviewed. Aquasurvey showed its potential and easiness of use in difficult environments.

Young Water Solutions, as organization of young professionals was capable, with the support of the WaterInnEU consortium to learn fast how to use the product and to implement it quickly with good results. The long-term objective is that Young Water Solutions includes in its services Aquasurvey in order to make the most of this product and to grow also thanks to it.

6. Conclusions and innovative results

This experience showed that the product promoted by WaterInnEU had a strong potential for the market. With very limited resources and thanks to the support of the WaterInnEU consortium, a Youth organisation (YWS) managed to take the needed step to include the product in their services and to proceed with a concrete application of it. The product chosen was probably one the most adapted for young professionals; this was an important factor in making this exercise successful.

In addition, the product selected was an Open Source product, so the marketing approach proposed to YWS by Randbee Consultants was an Open Source marketing model oriented to developing a service but leaving the product (source code) open. The Open Source business model fosters sustainability of the code and decrease the investments needed for the maintenance. This way YWS will be able to build a service around the product even with limited internal competences, at the time the efforts made by the developers of the Aquasurvey product and the investment of the EU could have a strong impact on the market.

Annex 1: Proposals submitted

Proposal 1: DEEP BLUE CONSULTANTS

Project Proposal Aquasurvey Training in Tunisia

1. Introduction

Deep Blue Consultants (DBC) is a consultancy firm working in Humanitarian and Development Cooperation sectors, with a focus on WASH, Environment and Climate Challenges. DBC has an in-house capacity for both technical and policy research, program and project evaluation, and capacity building and training. DBC has also been very active in supporting young water professionals and their expertise has been a regular contribution to framing and awareness-raising for the members of the World Youth Parliament for Water.

2. Ongoing project in Tunisia and the rationale of the proposed Aquasurvey-project

DBC is currently supporting a youth initiative in Tunisia, by supporting representation of the World Youth Parliament for Water to collaborate with a growing sector of youth and young professionals around the water sector. This collaboration has included working alongside international organisations such as the Global Water Partnership Med in Tunisia, and liaising with the Association des Jeunes Leaders de Zaghouan[1] . This Youth Association addresses many social and economic issues (education, employment, environment) and they are very interested in our work in the water resources management sector. As such, a training in methodologies of surveying, data capture and analysis is also of great interest for the organisation.

We propose to organize the Aquasurvey-training for a group composed of people involved in ongoing youth projects in the Governerate of Zaghouan and in the capital Zaghouan. As part of the training activity there will be a competition for proposals for design and impmelentation of a Pilot Survey to implement their new skills from Aquasurvey training.There will be an award for the best project. The Pilot survey will be implemented by the Youth Association with technical support from DBC.

3. Proposed calendar of activities

The following are the proposed activities covered by this project

a) Design of survey questions and methodology (October 2016)

b) Development of a training-module for the training in Zaghouan (October 2016)

c) Preparation and logistics with collaborators in Zaghouan (November 2016)

d) Implementation of the training in Zaghouan (early December 2016)

e) Implementation of a test-Aquasurvey data collection (half December 2016-

f) Follow-up visit for evaluation and dissemination of results (late December, early January)

4. Partners

Deep Blue Consultants, an international consultant with more than 30 years of experience in the field, will do the overall coordination of the project. The Association des Jeunes Leaders de Zaghouan will be responsible for the mobilisation of training beneficiaries in Zaghouan.

Expert 1: Murray Biedler (MSc Rhodes, MA University of Paris): survey development training design and implementation.

5. Budget

Item	description	number	cost (euros)
Mission to Tunisia	Flights, visa, accommodation and transportation for training and follow-up visit	2	2500
Training and Pilot Survey in Zaghouan	Logistical, transport, accommodation, per diems for participants		2000
Award	Award for best participant for training and design of Pilot Survey	1	500
Communication and dissemination	Communications packages including info leaflets and tailored messages for web communications for the duration of the training and results evaluation		1500
Overhead (administrative management, financial costs, unforeseen costs)		1	1500
		TOTAL BUDGET	8000,00 euros

Proposal 2: Young Water Solutions

Project Proposal Aquasurvey Training in Burkina Faso

Proposed by: Young Water Solutions aisbl (international non-profit organization under Belgian law)

1. Introduction and general outline of the concept

Young Water Solutions is an international non-profit organization aiming to develop and support the potential of young people to contribute to universal water and sanitation supply and water resources management. We do so by empowering young leaders, providing them the tools to carry out water and sanitation projects in their communities. We take an integrated approach, through our projects we often address interlinked challenges such as climate change adaptation, reforestation, and food security. It is thanks to Young Water Solutions unique composition that we can add value to the work of young leaders, and effectively empower them to bring about change.

Young Water Solutions is led by 16 co-Founders with a variety of profiles, skills and experience, who form a dynamic and unique group of experts. Ranging from youth people leading international water networks while still pursuing their studies, to senior experts with decades of qualified experience working for international organizations, we are a truly intergenerational, transnational and multidisciplinary team.

Over the last two years, Young Water Solutions has empowered young leaders in Africa, Europe and Asia, thereby implementing field projects across these continents, in partnership with a diverse range of funding and advising partners. Projects undertaken ranged from 3.500 up to 120.000 euros, and included both field projects on water supply and technical training for our members.

The projects of Young Water Solutions have proven to bring about technically innovative approaches to water supply, as well as socially innovative approaches to water supply and water resources management. Being able to apply the Aquasurvey-tool through our work, would allow us to better monitor and evaluate our projects. Also, the successful development of a Aquasurvey-training would provide the ideal basis for an international training program whereby the aim is to train all Young Water Solutions members and all young leaders benefiting from Young Water Solutions-Support. In this way, we will be able to execute data collection projects (as stand-alone projects and as activity framing within broader projects) in all countries where we are active. As such, we are convinced that the

potential for upscaling and transferring of the outcomes is very high. As for the funding, in the future we propose to raise funds for the trainings amongst donors who are interested in using the data that will be collected through the youth-led data collection, after completion of the training. Thereby, the information collected through the skills that were gained during the training, will help contribute to financing the training costs.

2. 2. Ongoing project in Burkina Faso and the rationale of the proposed Aquasurvey-project in Burkina Faso

At current, Young Water Solutions is implementing a 120.000 euros WASH and water resources management project in the rural village (Korsimoro), Burkina Faso. As such, there is a mobilized network of young people from established youth organizations in Burkina nationally, and young people from the rural village. The ongoing project runs from March 2016 till September 2017. Through youth-led interventions, accompanied by senior experts, 4 new water pumps will be installed and 2 other will be repaired. Around 90 latrines will be constructed, and the water resources management will be reviewed. A significant part of the project focuses on capacity building of local farmers, local women's groups, and the village's youth. Aquasurvey is an ideal tool for monitoring and evaluating the impact of this project, and for empowering the local youth to expand their actions beyond this current project. The village in will only be one of the areas on which we plan to apply the Aquasurvey-tool. So to close the gap between the need for attention on rural water issues and urban water issues, it is proposed to organize the Aquasurvey-training for a group composed of people involved in the project in rural , and people active in Wara and outskirts. This will considerably expand the impact delivered by the trained individuals, and allow for an interesting exchange of experience between people operating in a rural area and people operating in an urban setting. Also, the training beneficiaries will come from a diverse range of backgrounds. Firstly, this will result in interdisciplinary exchange of experiences and networking between e.g. young scientists, young technicians, young social scientists, young journalists, young policy-professionals, etc. Second, this will again increase the impact of the project, ranging beyond the 'water-box'. Lastly, it is remarked that the training will go beyond introducing Aquasurvey, and also include training on survey methodology and practice.

After the training, which will take place in Wara with experts from Brussels Free University (ULB), test-surveys will be implemented in the outskirts of Wara and in rural , by teams of young people, accompanied by senior experts. The EU-Representation in Burkina Faso will be involved throughout all stages of the project, and the training and test-implementation

may be slightly adapted in accordance with the priorities of the EU-interventions in Burkina Faso, if the EU Representation in Burkina Faso desires so.

3. Proposed intervention and calendar

The following are the proposed activities covered by this project

a) Design of survey questions and methodology (October 2016) in cooperation with technical expert

b) Development of a training-module for the training in Wara; this module will be developed into a video training module after the training in Wara. (September 2016)

c) Identification of training beneficiaries (October 2016)

d) Implementation of the training in Wara (October 2016)

e) Implementation of a test-Aquasurvey data collection (November 2016-

f) Evaluation and dissemination of results (December 2016, early January 2017)

4. Partners

- Young Water Solutions: overall coordination of the project as well as mobilization of training beneficiaries in Wara.
- Expert 1: Giorgia Donin (ULB): survey development training design and implementation.
- Association des Jeunes pour le Développement Durable au Burkina Faso: involved in mobilization of training beneficiaries, implementation of test-surveys in the field, etc.
- EU Representation in Burkina Faso: dissemination of project outcomes to other international stakeholders and major donors present in Burkina Faso
- Youth Association
- Higher education institute or training institute in Wara: potential partner identified and approached, awaiting confirmation from candidate

5. Budget **Item**	**Description**	**Quantity**	**Cost (euros)**
Mission to Burkina Faso	Flights, visa, accommodation	3	2700
Organization of training in Wara	Logistical costs, local transport, food, etc.	1	1000
Award	Award for the training participant with the best idea for further valorization of the Aquasurvey-tool	1	200
Communication and dissemination	development and dissemination of communication tools for valorizing the project outcomes among stakeholders	1	500
Administrative management, financial costs, unforeseen costs		1	600
TOTAL BUDGET		5000,00	

Proposal 3: Good Planet

GoodPlanet training on Aquasurvey in Pakistan

1. Introduction

Since 1997 GoodPlanet Belgium has been inspiring all generations to become engaged and to build a sustainable society by undertaking positive actions and sharing expertise.
GoodPlanet develops and supports projects, trainings and teaching packages on all sustainability themes (consumption and waste management, energy and climate, mobility, nature and biodiversity, coexistence, food and water). To this end, fifty co-workers and dozens of volunteers from all over the country devote their knowhow and passion for sustainable development on a daily basis.
First and foremost, GoodPlanet focuses on children and young people. GoodPlanet's educational co-workers work to raise awareness among more than 300,000 children and young people annually. GoodPlanet also reaches some 50,000 adults annually by partnering with businesses that actively assume their social role and organise awareness raising campaigns for the general public. In addition to the substantial impact on individuals and organisations (businesses, schools, clubs and public administrations), GoodPlanet also endeavors to have a more structural influence in our society. Many policymakers have been inspired by GoodPlanet's creative ideas.

2. Proposed Aquasurvey-project in Pakistan

In 2015, GoodPlanet has been involved in the establishment of Pakistan Youth Parliament for Water. Pakistan Youth Parliament for Water serves as a network of Pakistani young people who advocate for access to WASH and sustainable water resources management. Pakistan Youth Parliament for Water enjoys endorsement and back-up support from national governmental authorities, UN offices, national and international NGO’s, etc. Pakistan Youth Parliament for Water is composed of a representative group of young people from all corners of the country, with equal representation from all regions, and inclusion of marginalized groups and minorities. The network focuses on advocacy and awareness raising. Data collection through Aquasurvey-tool would greatly improve their possibilities for advocacy and awareness raising.
After the training, which will take place in Islamabad with experts from Pakistan Water Partnership, test-surveys will be implemented in different regions of Pakistan, by teams of young people, accompanied by senior experts. The outcomes of these surveys will be the

base for PYPW's World Water day campaign in 2017, in cooperation with other national stakeholders.

3. Calendar of activities

The following are the proposed activities covered by this project

1. Development of survey questionnaire, plan for implementation, methodology (November 2016) in cooperation with national stakeholders

2. Development of a training concept for the use of Aquasurvey, that can be replicated in other countries (November 2016)

3. Call for participants for the training, selection by organization committee (December 2016)

4. Training takes place (late December 2016)

5. Training participants implement Aquasurvey-data collection in their regions (half December

2016-

6. Planning and implementing advocacy based on the outcomes of the data collection (March 2017)

4. Stakeholders of the project

* GoodPlanet Belgium: overall coordination of the project as well as mobilization of training beneficiaries in Pakistan.

* Pakistan Water Partnership: survey development training design and implementation.

* Pakistan Youth Parliament for Water: involved in mobilization of training beneficiaries, implementation of test-surveys in the field, etc.

5. Budget

Annex 2: the evaluation report.

WATERINNEU WORK PACKAGE 7 – YOUTH COMPETITION EVALUATION REPORT

The WaterInnEU consortium launched two competitions:

3. To propose an innovative way of testing Aquasurvey, identify funds and carry out the testing in a real situation;
4. To propose an innovative way of providing trainings about Aquasurvey, identify funds and carry out a test training;

Three proposals (Annex 2) were received within the deadline (10/09/2016) at the email provided for the competition: info@randbe.es

The following report summarizes the evaluation of the 3 proposals received.
The evaluators were:

- Andrea Leone (Randbee Consultants)
- Gloria Passarello (Randbee Consultants)
- Juan Arevalo (Randbee Consultants)

Evaluators agreed on a consolidated evaluation report for simplicity.
Finally the proposal selected was the one submitted by Young Water Solutions for several reasons, such as the fact that it was self-sustainable and that it was related to a project already ongoing by the same organization.
The final scores were the following:

- YOUNG WATER SOLUTIONS – 14 points
- DEEP BLUE CONSULTANTS – 9 points
- GOODPLANET BELGIUM – 9 points

Instruction for the evaluation report:

Scoring

Scores must be in the range 0-5. Half marks may be given. Evaluators will be asked to score proposals as they were submitted, rather than on their potential if certain changes were to be made. When an evaluator identifies significant shortcomings, he or she must reflect this by awarding a lower score for the criterion concerned.

Interpretation of the scores

0 — The **proposal fails to address the criterion** or cannot be assessed due to missing or incomplete information.

1 — **Poor**. The criterion is inadequately addressed, or there are serious inherent weaknesses.

2 — **Fair.** The proposal broadly addresses the criterion, but there are significant weaknesses.

3 — **Good.** The proposal addresses the criterion well, but a number of shortcomings are present.

4 — **Very Good.** The proposal addresses the criterion very well, but a small number of shortcomings are present.

5 — **Excellent.** The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

Thresholds

The threshold for individual criteria is 3. The overall threshold, applying to the sum of the three individual scores, is 10.

CONSOLIDATED EVALUATION FOR THE PROPOSAL BY YOUNG WATER SOLUTIONS

1. Excellence *Note: The following aspects will be taken into account, to the extent that the proposed work corresponds to the topic description in the work programme:* • **Clarity and pertinence of the objectives;** • Credibility of the proposed approach; • ***Soundness of the concept, including trans-disciplinary considerations, where relevant;*** • **Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art (e.g. ground-breaking objectives, novel concepts and approaches).** Comments: The project is very pertinent with the competition and balanced in terms of feasibility and innovation. Such a project will the first of its kind in Burkina Faso.	5

2. Impact *Note: The following aspects will be taken into account, to the extent to which the outputs of the project should contribute at the European and/or International level:* • **The expected impacts listed in the work programme under the relevant topic;** • Enhancing innovation capacity and integration of new knowledge; • Strengthening the competitiveness and growth of companies by	

developing innovations meeting the needs of European and global markets, and where relevant, by delivering such innovations to the markets; • Any other environmental and socially important impacts; • Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant.	5

3. Quality and efficiency of the implementation* *Note: The following aspects will be taken into account:* • Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources; • Complementarity of the participants within the consortium (when relevant); • Appropriateness of the management structures and procedures, including risk and innovation management. Comments: The proposal is giving information about funding.	4

Total score (1+2+3)

Threshold 10/15

CONSOLIDATED EVALUATION FOR THE PROPOSAL BY GOODPLANET BELGIUM

1. Excellence *Note: The following aspects will be taken into account, to the extent that the proposed work corresponds to the topic description in the work programme:* • **Clarity and pertinence of the objectives;** • Credibility of the proposed approach; • ***Soundness of the concept, including trans-disciplinary considerations, where relevant;*** • **Extent that proposed work is ambitious, has innovation**	4

2. Impact *Note: The following aspects will be taken into account, to the extent to which the outputs of the project should contribute at the European and/or International level:* • **The expected impacts listed in the work programme under the relevant topic;** • Enhancing innovation capacity and integration of new knowledge; • Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets, and where relevant, by delivering such innovations to the markets;	4

3. Quality and efficiency of the implementation* *Note: The following aspects will be taken into account:* • Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources; • Complementarity of the participants within the consortium (when relevant); • Appropriateness of the management structures and procedures, including risk and innovation management.	2

Total score (1+2+3)

Threshold 10/15

CONSOLIDATED EVALUATION FOR PROPOSAL BY DEEP BLUE CONSULTANTS

1. Excellence *Note: The following aspects will be taken into account, to the extent that the proposed work corresponds to the topic description in the work programme:* • **Clarity and pertinence of the objectives;** • Credibility of the proposed approach; • ***Soundness of the concept, including trans-disciplinary considerations, where relevant;*** • **Extent that proposed work is ambitious, has innovation**	4

2. Impact *Note: The following aspects will be taken into account, to the extent to which the outputs of the project should contribute at the European and/or International level:* • **The expected impacts listed in the work programme under the relevant topic;** • Enhancing innovation capacity and integration of new knowledge; • Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets, and where relevant, by delivering such innovations to the markets;	3

3. Quality and efficiency of the implementation* *Note: The following aspects will be taken into account:* • Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources; • Complementarity of the participants within the consortium (when relevant); • Appropriateness of the management structures and procedures, including risk and innovation management.	2

Total score (1+2+3)

Threshold 10/15

Annex 3: Key Survey Questions and results

Pour chaque foyer / maison familiale

1. Coordos GPS
2. N° des habitants
3. Ages des habitants
4. Genre des habitants

De l'Eau

- De ou est-ce qu'ils cherchent de l'eau ?
  - Pompe
  - Dam / barrage
  - Puit
  - Récolte de pluie
- Combien ? (e.g. litres par jour, jerry can, autres)
- Pour quelle utilisation ?
  - Domestique – boire / cuisiner
  - Laver – personale
  - Laver – linges, vaisselles
  - jardin
- Est-ce qu'il payer pour l'eau ?
  - Oui
  - non
- Si oui
  - Combien
  - Quelle fréquence de paiement (e.g. mensuel ?)

Assainissement

- Est-ce que la famille a une latrine ?
  - Oui
  - non
- Si oui, est-ce qu'il l'utilise ?
  - Oui
  - non
- S'il ne utilise pas, pourquoi ?
- Construction de latrine
  - Construis quand ?

    - Par qui ?
    - Avec quelles ressources?
        - Gratuit ?
        - Avec assistance ? (lequel ? argent ? matériel ?)
        - Matériaux locaux
- Assistance technique ?

Annex 4: Results of the survey

I. DONNEES GENERALES

→ POPULATION TOTALE : **913 habitants**

→ Nombre de quartier : **04**

- Silmissin,
- Tanghuin,
- Tensobdogo,
- Sigdiglongo
- Sig-nonguin

II. DONNEE PAR QUARTIER

1. Silmissin

a) Données démographique

Nbre de ménages	Nbre total population	Nombre d'hommes	Nombre de femmes
16	118	73	44

personnes âgées de moins de 18 ans	personnes âgées de 18 à 25 ans	personnes âgées de 25 à 35 ans	personnes âgées de plus de 35 ans
49	32	23	15

Nombre de personnes migrant chaque année dans le ménage	plus de 05	02 à 05	01 à 02
		3 ménages	1 ménage

	2 ménages		

b) Données assainissement

Nbre de ménages total	**Nbre de latrine à construction achevée**	**Nbre de latrine à construction inachevée**	**Nbre de ménage n'ayant pas accès à des latrines**
16	0	7	16

année d'acquisition des latrines		**donateur de la latrine**		**nature des contributions des ménages pour les latrines**	
01 an	7 latrines	ONG	7 latrines	- agrégat, - fouille - superstructure	7 latrines

durée de la construction		**type de latrine**	
01 mois	7	Sanplat	7 bénéficiaires

c) Donnée accès à l'eau potable

source d'approvisionnement en eau		**quantité d'eau prélevée par jour**		**différents usage de l'eau**	
pompe	16 ménages	Plus de 05 bidons	16 ménages	- Boisson, - Cuisine, - Toilette personnelle, - Lessive, - Vaisselle, - Abreuvage des animaux	16 ménages
puits	16 ménages				

perception du paiement de l'eau	**prix de l'eau**		**périodicité du paiement**	**distance actuelle parcourue pour la collecte de l'eau**
Les 16 ménages sont favorables au paiement du service de l'eau	- 750f hommes - 650 femmes	16 ménages	semestriel	plus d'1 km

d) Données GPS des différents points

Nombre de ménages	**Position GPS du ménage**	**Position GPS de la latrine**	**Où souhaiteriez-vous installer la future pompe ?**
1	12°51'25.07"N 01°08'14.4"W	12°51'25.09"N 01°08'14.4"N	12°51'21.4"N 01°08'09.9"W
1	12°51'23.6"N 01°08'12.8"W	12°51'25.09"N 01°08'14.4"N	12°51'21.4"N 01°08'09.9"W
1	12°51'22.5"N 01°08'13.5"W	12°51'25.09"N 01°08'14.4"N	12°51'21.4"N 01°08'09.9"W
1	12°51'23.1"N 01°08'13.7"W	12°51'25.09"N 01°08'14.4"N	12°51'21.4"N 01°08'09.9"W
1	12°51'22.8"N 01°08'11.9"W	12°51'25.09"N 01°08'14.4"N	12°51'21.4"N 01°08'09.9"W
1	12°51'20.0"N 01°08'11.6"W	12°51'25.09"N 01°08'14.4"N	12°51'21.4"N 01°08'09.9"W
1	12°51'20.6"N 01°08'10.8"W	12°51'25.09"N 01°08'14.4"N	12°51'21.4"N 01°08'09.9"W
1	12,857323/-1,134523		plus près
1	12,856792/-1,13513		plus près
1	12,856627/-1,135182		plus près
1	12,856858/-1,134475		plus près
1	12,845487/-1,127145		plus près
1	12,845268/-1,127535		plus près
1	12,84554/-1,127985		plus près

1	12,851477/-1,12865		plus près
1	12,851748/-1,128525		plus près

2. Tanghuin

a) Données démographiques

Nbre de ménages	**Population totale**	**Nombre d'hommes**	**Nombre de femmes**
20	213	103	109

Nombre de personnes âgées de moins de 18 ans	**Nombre de personnes âgées de 18 à 25 ans**	**Nombre de personnes âgées de 25 à 35 ans**	**Nombre de personnes âgées de plus de 35 ans**
127	24	22	40

Nombre de personnes migrant chaque année dans le ménage	**plus de 05**	**02 à 05**
	01 ménage	2 ménages

b) Données assainissement

Nbre de ménages total	**Nbre de latrine à construction achevée**	**Nbre de latrine à construction inachevée**	**Nbre de ménage n'ayant pas accès à des latrines**
20	0	4	20

année d'acquisition de la latrine		**donateur de la latrine**		**nature des contributions des ménages pour les latrines**	
01 an	4 ménages	ONG	4 ménages	- agrégat, - fouille - superstructure	4 ménages

durée de la construction latrine		**type de latrine**	
01 mois	4 ménages	Sanplat	04 ménages

c) Données eau potable

Source d'approvisionnement en eau		**quantité d'eau prélevée par jour**		**différents usages de l'eau**	
pompe	20 ménages	Plus de 05 bidons	20 ménages	- Boisson, - Cuisine, - Toilette personnelle, - Lessive, - Vaisselle, - Abreuvage des animaux	20 ménages
puits	01 ménage				

perception du paiement de l'eau	**prix de l'eau**		**périodicité du paiement**	**distance actuelle parcourue pour la collecte de l'eau**	Où souhaiteriez-vous installer la pompe
20 ménages favorables au paiement du service de l'eau	750f hommes 650 femmes	20 ménages	semestriel	plus d'1 km	plus près

d) Données GPS

Nombre de ménages	**Position GPS du ménage**	**Position GPS de la latrine:**
1	12,848303/-1,138092	12,848462/-1,138012
1	12,847729/-1,13795	
1	12,848018/-1,137605	
1	12,84809/-1,138242	

1	12,847718/-1,13875	
1	12,84832/-1,138047	
1	12,847733/-1,138122	
1	12,848398/-1,137837	
1	12,84837/-1,137735	
1	12,848283/-1,137733	
1	12,848322/-1,137632	
1	12,850067/-1,138143	12,84988/-1,137970
1	12,51065/-1,08199	
1	12,51065/-1,08199	
1	12,51037/-1,08125	12,51038/-1,08129
1	12,51072/-1,08167	12,51082/-1,08168
1	12,847731/-1,137901	
1	12,847732/-1,137903	
1	12,847733/-1,137903	
1	12,848493/-1,137872	

3. Tensobdogo

a) Données démographique

Nbre de ménages	**Population totale**	**Nombre d'hommes**	**Nombre de femmes**
34	238	111	127

personnes âgées de moins de 18 ans	**personnes âgées de 18 à 25 ans**	**personnes âgées de 25 à 35 ans**	**personnes âgées de plus de 35 ans**
131	32	45	27

Nombre de personnes migrant chaque année dans le ménage	**01 à 02**	**02 à 05**
	3 ménages	2 ménages

b) Données assainissement

Nbre de ménages total	Nbre de latrine à construction achevée	Nbre de latrine à construction inachevée	Nbre de ménage n'ayant pas accès à des latrines
34	**9**	**3**	**25**

année d'acquisition de la latrine		donateur de la latrine	
01 an	**7**	**ONG**	**7**
02 ans	3	ménage	5
03 ans	2		

NB :

- **02 des latrines inachevées sont des dons d'ONG**
- **01 latrine inachevée est entreprise par le ménage lui-même**

nature des contributions des ménages pour les latrines		durée de la construction latrine		type de latrine	
- agrégat, - fouille - superstructure	07 ménages	01 semaine	02 ménages	Sanplat	07 ménages
		02 semaines	07 ménages		

c) données eau potable

source d'approvisionnement en eau		quantité d'eau prélevée		différents d'usage de l'eau	
pompe	34 ménages	Plus de 05 bidons	22 ménages	- Boisson, - Cuisine, - Toilette personnelle, - Lessive, - Vaisselle	24 ménages
		05 bidons	04 ménages	- Boisson, - Cuisine,	10 ménages

		- Toilette personnelle, - Lessive, - Vaisselle, - Abreuvage des animaux	
01 bidon	01 ménage		

perception du paiement de l'eau	**prix de l'eau**		**périodicité du paiement**	**distance actuelle parcourue pour la collecte de l'eau**
les 34 ménages sont favorables au paiement des services de l'eau	750f hommes 650 femmes	34 ménages	semestriel	plus d'1 km

d) Données GPS des différents points

Nombre de ménages	**Position GPS du ménage:**	**Position GPS de la latrine:**	**Où souhaiteriez-vous installer la pompe ?**
2	12.846814;-1.138273	12.846798;-1,138201	12,846785;-1,138294
2	12.846814;-1.138273	12.846908;-1,138258	12,846915;-1,138247
1	12.846814;- 1.138273	12,846811;-1,138287	12,846822;-1,138253
1	12,84714;-1,13784		12,84717;-1,13782
3	12,846788;-1,138296		12,846798; -,138289
1	12.84714;-1.138044		12.84718;-1.138028
1	12.847011;-1.138206		12.847023;-1,138179

3	12.8473;-1.13787		12.847119;-1,137867
1	12.84766;-1.1376		12.847143;-1.137842
1	12.847256;-1.137901	12.847232;-1.137853	12.847253;-1.137943
1	12.846612;-1.138046	12.839829;-1.138612	12.846629;-1.138012
1	12.846756;-1.137941	12.846647;-1.138021	12.846751;-1.137962
1	12.840057;-1.138395	12.843971;-1.136972	12.840129;-1.138362
1	12.846412;-1.135575	12.846181;-1.135451	12.846403;-1.135597
1	12.843972;-1.133681		12.844212;-1.133611
1	12.846495;-1.138036	12.8465;-1.137922	12.846313;-1.138903
1	12.846644;-1.13791		12.846578;-1.13795
1	12.846572;-1.13801		12.846562;-1.13733
1	12.84677;-1.138192		12.84634;-1.138132
1	12.846624;-1.138174		12.846543;-1.138198
1	12.846601;-1.137988		12.846543;-1.138012
1	12.846601;-1.137988		12.846712;-1.138015
1	12.846734; -1.138042		12.846701;-1.138003
1	12,846941;-1.137879		12.846912;-1.137923
1	12.846659; -1.138097		12.846401;-1.137423
2	12.846788;-1.138296	12.846715; -1.138218	12.846799;-1.138312

1	12.8471;-1.127994		12.8470;-1.137823

4. Sig-Nonguin

a) Donnée démographique

Nbre de ménages	**Population totale**	**Nombre d'hommes**	**Nombre de femmes**
14	139	58	81

personnes âgées de moins de 18 ans	**personnes âgées de 18 à 25 ans**	**personnes âgées de 25 à 35 ans**	**personnes âgées de plus de 35 ans**	**Nombre de personnes migrant chaque année dans le ménage**	**01 à 02**
69	23	23	23		02 ménages

b) Donnée assainissement

Nbre de ménages total	**Nbre de latrine à construction achevée**	**Nbre de latrine à construction inachevée**	**Nbre de ménage n'ayant pas de latrine**
14	**0**	**14**	**14**

année d'acquisition de la latrine		**donateur de la latrine**		**nature des contributions des ménages pour les latrines**	
01 an	14 ménages	ONG	14 ménages	- agrégat, - fouille - superstructure	14 ménages

durée de la construction de la latrine		type de latrine	
01 mois	**14 ménages**	**Sanplat**	**14 ménages**

c) donnée eau potable

source d'approvisionnement en eau		**quantité d'eau prélevée**		**différents d'usage de l'eau**	
pompe	14 ménages	Plus de 05 bidons	14 ménages	- Boisson, - Cuisine, - Toilette personnelle, - Lessive, - Vaisselle, - Abreuvage des animaux	14 ménages

perception du paiement de l'eau	**prix de l'eau**		**périodicité du paiement**	**distance actuelle parcourue pour la collecte de l'eau**
Les 14 ménages sont favorables au paiement des services de l'eau	750f hommes 650 femmes	14 ménages	semestriel	plus d'1 km

d) Donnée GPS des différents points

Nbre de ménages	**Position GPS du ménage:**	**Position GPS de la latrine:**	**Où souhaiteriez-vous installer la pompe ?**
1	12°50'48.78"N 01°08'19.4"W	12°50'48.71"N 01°08'19.49"W	12°50'49.15"N 01°08'18.84"W
1	12°50'48.45"N 01°08'18.6W	12°50'48.71"N 01°08'19.49"W	12°50'49.15"N 01°08'18.84"W
1	12°50'48.40"N 01°08'18.84"W	12°50'48.71"N 01°08'19.49"W	12°50'49.15"N 01°08'18.84"W
1	12°50'48.28"N 01°08'18.84"W	12°50'48.71"N 01°08'19.49"W	12°50'49.15"N 01°08'18.84"W
1	12°50'47.21"N 01°08'28.96"W	12°50'46.43"N 01°08'19.41"W	12°50'49.15"N 01°08'18.84"W
1	12°50'46.72"N 01°08'18.8"W	12°50'46.43"N 01°08'19.41"W	12°50'49.15"N 01°08'18.84"W
1	12°50'46.28"N	12°50'46.43"N	12°50'49.15"N

	01°08'27.10"W	01°08'19.41"W	01°08'18.84"W
1	12°50'48.86"N 01°08'18.79"W	12°50'46.77"N 01°08'19.99"W	12°50'47.8"N 01°08'19.69"W
1	12°50'47.33"N 01°08'19.12"W	12°50'46.77"N 01°08'19.99"W	12°50'47.8"N 01°08'19.69"W
1	12°50'47.33"N 01°08'19.12"W	12°50'46.77"N 01°08'19.99"W	12°50'47.8"N 01°08'19.69"W
1	12°50'46.18"N 01°08'19.12"W	12°50'46.77"N 01°08'19.99"W	12°50'47.8"N 01°08'19.69"W
1	12°50'48.39"N 01°08'20.12"W	12°50'46.77"N 01°08'19.99"W	12°50'47.8"N 01°08'19.69"W
1	12°50'47.25"N 01°08'25.19"W	12°50'46.77"N 01°08'19.99"W	12°50'47.8"N 01°08'19.69"W
1	12°50'48.34"N 01°08'25.1'W	12°50'46.77"N 01°08'19.99"W	12°50'47.8"N 01°08'19.69"W
14			

5. Sigdiglongo

a) Données démographiques

Nbre ménages	populations totale	Nbre d'hommes	Nbre femmes
10	205	114	93

personne âgées de moins de 18 ans	**personne âgées de de 18 à 25 ans**	**personne âgées de de 25 à 35 ans**	**personne âgées de plus de 35 ans**	**Nbre de personne migrant /ménage**	
91	51	41	22	Plus de 05	4 ménages
				02 à 05	6 ménages

b) Données assainissement

Nbre de ménages total	**Nbre de latrine à construction achevée**	**Nbre de latrine à construction inachevée**	**Nbre de ménage n'ayant pas de latrine**
10	**9**	**1**	**1**

année d'acquisition de la latrine		**donateur de la latrine**		**nature des contributions des ménages pour les latrines**	
02 ans	09 ménages	ONG	09 ménages	- agrégat, - fouille - superstructure	10 ménages
03 ans	01 ménage	ménage	01 ménage		

temps de construction		**type de latrine**	
01 semaine	09 bénéficiaires	Sanplat	09 ménages
01 mois	1 bénéficiaire		

c) Donnée eau potable

source d'approvisionnement en eau		**quantité d'eau prélevée**		**différents d'usage de l'eau**	
pompe	10 ménages	Plus de 05 bidons	9 ménages	- Boisson, - Cuisine, - Toilette personnelle, - Lessive, - Vaisselle, - Abreuvage des animaux	10 ménages
		05 bidons	1 ménage		

perception du paiement de l'eau	**prix de l'eau**	**périodicité du paiement**	**distance actuelle parcourue pour**

				la collecte de l'eau
Les 10 ménages sont favorables au paiement du service de l'eau	750f hommes 650 femmes	10 ménages	semestriel	plus d'1 km

d) Données GPS des différents points

Nombre de ménages:	**Position GPS du ménage**	**Position GPS de la latrine:**	**Où souhaiteriez-vous installer la pompe ?**
1	12.847202,-1.142393	12.846982,-1.14248	12.84693,-1.142101
1	12.847038,-1.14241	12.846982,-1.14248	12.84693,-1.142101
1	12.84707,-1.142537	12.846982,-1.14248	12.84693,-1.142101
1	12.847012,-1.142318	12.846982,-1.14248	12.84693,-1.142101
1	12nn 846832,-1.142334	12.846982,-1.14248	12.84693,-1.142101
1	12.846683,-1.141994	12.846648,-1.1418832	12.827298,-1.076464
1	12.84839,-1.140637	12.847976,-1.140702	12.84693,-1.142101
1	12.84680,-1.15488	12.809506,-1.087118	12.84693,-1.142101
1	12.847909,-1.141752	12.847907,-1.141753	12.84693,-1.142101
1	12847953,-1.141628	12.847763,-1.14664	12.84693,-1.142101
10			