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| **ISEKI FOOD4 PROJECT**  **WP5: THIRD CYCLE STUDIES AND INDUSTRY**  **DELIVERABLE 5.1.1: SURVEY** |  |

**SURVEY FOR THE PHD STUDENTS**

**IMPORTANT SKILLS FOR PHD STUDENTS IN FOOD SCIENCE AND TECHNOLOGY**

This questionnaire aims to evaluate the desirable soft skills (linked to employability of doctoral graduates) that PhD students should acquire throughout their doctoral studies from the PhD students point of view. The results of this analysis will provide valuable information required for improving PhD courses, developing virtual platform, specific teaching materials and events to complete/improve the required competences of the graduated PhD to better be prepared for the job market.

This activity is carried out under the framework of the European project ISEKI FOOD 4 “Towards the innovation of the food chain through the modernization of Food Studies” (project number 518415-LLP-1-2011-1-IT-ERASMUS-ENW [www.iseki-food4.eu](http://www.iseki-food4.eu) ).

1. **University/Research center name and country**:

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1. **Your actual status in PhD programme:**

|  |  |  |  |
| --- | --- | --- | --- |
| **First year** | **Second year** | **Third year** | **More than three years** |
|  |  |  |  |

1. **Gender:**

|  |  |
| --- | --- |
| **Male** | **Female** |
|  |  |

1. **Planed future working position:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Teaching** | **Industry** | **Research** | **Other** |
|  |  |  |  |

1. **In the future you are planning to find a job in the following sectors. Please rank them in order of importance, from 1st to 5th.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **In academia public** | **In public non-academia (research centers)** | **In private non-research (industry)** | **In private research sector** | **Other**  **(**please specify**):**  **\_\_\_\_\_\_\_\_\_\_\_\_\_** |
|  |  |  |  |  |

1. **Do you think PhD students will need new skills for facing the future labour market perspectives?**

|  |  |
| --- | --- |
| **yes** | **no** |
|  |  |

1. **If yes: rank the level of importance of each skill (1=highly important, 2=quite important, 3=fairly important, 4=slightly important 5=not at all important) to be acquired by the PhD students to meet the increasingly multiple skill demands of the global labour market:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GENERIC COMPETENCES** |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| **To be able:** |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1. ***Personal effectiveness*** | **1** | | **2** | | **3** | | **4** | | **5** | | **6** | | **7** | | **8** | | **9** | | **10** | |
| 1.1 To demonstrate flexibility and open-mindedness, when working with different environments and people |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1.2 To show ability to handle difficulties in research or other professional activities in an appropriate way |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1. ***Communication skills*** | **1** | | **2** | | **3** | | **4** | | **5** | | **6** | | **7** | | **8** | | **9** | | **10** | |
| 2.1 To write (report) fluently and efficiently scientific publications |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 2.2 To defend own papers in scientific conferences |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 2.3 To show ability to communicate effectively to a broad framework of audiences (interdisciplinary teams, expert conferences, science for society, workshops) |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1. ***Networking and team-working*** | **1** | | **2** | | **3** | | **4** | | **5** | | **6** | | **7** | | **8** | | **9** | | **10** | |
| 3.1 To develop and maintain co-operative networks and working relationships with supervisors, colleagues and peers within the institution and the wider research community |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 3.2 To understand one's behaviour and impact on others when working in and contributing to the success of formal and informal teams |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 3.3 To listen, give and receive feedback and respond perceptively to others |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 3.4 To develop capacity to engage in multidisciplinary works |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1. ***Career management*** | **1** | | **2** | | **3** | | **4** | | **5** | | **6** | | **7** | | **8** | | **9** | | **10** | |
| 4.1 To appreciate the need for and show commitment to continued professional development |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 4.2 To demonstrate an insight into the transferable nature of research skills to other work environments and the range of career opportunities within and outside academia |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| **SPECIFIC COMPETENCES** | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| **To be able:** | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| 1. ***Research skills and techniques*** | | **1** | | **2** | | **3** | | **4** | | **5** | | **6** | | **7** | | **8** | | **9** | | **10** |
| 5.1 To demonstrate original, independent and creative thinking | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| 5.2 To demonstrate ability to perform original and independent research within a scientific discipline or interdisciplinary collaboration | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| 5.3 To demonstrate ability to ‘work in depth at the frontiers of knowledge’ and across disciplinary boundaries | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| 5.4 To formulate and apply solutions to research problems and effectively interpret research results | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| 5.5 To demonstrate an understanding of relevant research methodologies and techniques and their appropriate application within one's research field | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| 5.6 To analyze critically and evaluate one's findings and those of others | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| 5.7 To recognize and integrate ideas and resources from a wide pool of sources | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |
| 5.8 To demonstrate ability to work well across disciplines | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |

1. **Do you consider a PhD degree as a mean for finding a better paid job/salary?**

|  |  |
| --- | --- |
| **Yes** | **No** |
|  |  |

1. **Do you think post-docs (after obtaining PhD degree) in your country are well trained for :**

|  |  |  |
| --- | --- | --- |
|  | **Yes** | **No** |
| **Academia labour market** |  |  |
| **Business labour market** |  |  |
| **Food sector labour market** |  |  |
| **Research labour market** |  |  |

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**The ISEKI\_Food 4 project is developing a web-based virtual platform for PhD students in Food Science-related studies that will include research opportunities, training material, calls, projects, newsletters, etc.**

**10. Do you think it is an interesting initiative for the PhD students?**

|  |  |
| --- | --- |
| **Yes** | **No** |
|  |  |

**11. Are you interested to receive information about it when it will be available?**

|  |  |
| --- | --- |
| **Yes** | **No** |
|  |  |

**If yes, please add your name and email address here below** *(your email address will be used only for the purposes above indicated):*

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**Thank you in advance for your contribution!**

**For more information about the ISEKI\_Food-4 project and this survey you could contact**

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  + **WP5 coordinator, Chelo Gonzalez** [**cgonza@tal.upv.es**](mailto:cgonza@tal.upv.es)

**PLEASE VISIT OUR WEBSITE:** [**www.iseki-food4.eu**](http://www.iseki-food4.eu)