

Spain - Tknika's Circular Economy Platform

Title of inspiring practice	Tknika's Circular Economy Platform (<i>"Plataforma de Economía Circular – Tknika. Centro para la innovación aplicada de Fp Euskadi"</i>)
Geographical area	The practice is implemented in the Basque Country, within the three territories; Bizkaia, Gipuzkoa and Araba.
Period of implementation	The project started in 2018 .
Rationale	The project focuses on the creation of a digital platform for the development of projects for the Circular Economy Network of TKNKA (Centre for applied innovation in vocational training in the Basque Country). This network is made up of centres and public-private agents, that join forces aligned with the 2030 Agenda and believe in saving the planet through Education.
Scope of the practice	This project was born in line with a global approach and with the goal of sharing the activities promoted by Tknika within the scope of the circular economy throughout the system of vocational training centres in the Basque Country. The project also wanted to disseminate and expand the network of participating centres, teachers and students. The initiative is also an example of a collaborative project in which students and teachers from the centres involved are encouraged to be part of.
Educational level	Levels 4A and 5 of EQF
Introduction and context	<p>The main promoter of the project is Tknika (Basque VET Applied Research Centre).</p> <p>The project involves students and teaching staff of the vocational training centres of the "network of circular economy centres" in the Basque Country and involved in the catering, maritime and fisheries sectors. The training centres involved are Escuela Hosteleria Bilbao; Escuela Agraria De Derio; Escuela Hosteleria Leioa; Escuela Hosteleria Galdakao, Fraisoro; Escuela Agraria De Derio; Escuela Agraria De Arkaute, Lea Artibai; Hosteleria Gamarra, Egibide, IES Murgia; Escuela De Mutriku, C.D.E.A.; Escuela Hosteleria Gipuzkoa, Calasanz Santurtzi, Barrutialde, Meka Elgoibar.</p> <p>The need to raise students' awareness of the process of reusing and recycling or even transforming the waste of cooking into compost was a main driver behind the introduction of the initiative. The projects communicate to students the importance that each of them has in every little step of the circular economy.</p> <p>The main beneficiaries of the initiative are the students and teachers from the rest of the Basque Country's professional families, who are interested in collaborating on circular economy projects. Companies from these professional families are also involved and participate to the project through training innovations and projects arising from the platform.</p> <p>The practice pursues different objectives. The first goal is the dissemination of the activities of the circular economy network across the Basque Country. Furthermore, it aims at expanding the network of contacts and collaboration projects in the framework of the circular economy in vocational training centres. Another main purpose of the project is the sharing of the materials generated in Tknika's circular economy project and their promotion by the Basque Country's vocational training centres in the professional families of food and agriculture. The practice also is thought to serve as a forum of good practices for circular activities carried out by vocational training centres. It also aims at extending the good practices in circular economy to the rest of the professional families and their stakeholders. A final objective of the initiative is to provide a meeting point for the dissemination of conferences, audio-visual materials, documentation of interest, news and events in the circular economy network of the Basque Country.</p>

	<p>There was no initial budget allocated to the initiative. The lump sum could be more or less 200 euros.</p>
Key activities and outcomes	<p>The Circular Economy Platform is a software application created by Tknika with the support of vocational training centres and whose aim is to:</p> <ul style="list-style-type: none"> • To share and understand the concept of circular economy. • To learn about the different practices that have been carried out in the field of the circular economy in Basque Country • To disseminate about the reality of the circular economy in the different families of Vocational Training. • To apply knowledge of the circular economy in the different training cycles. • To develop sustainable habits and competences related to the circular economy as citizens and professionals. • To create projects around circular economy area <p>In the Circular Economy Platform, you can find:</p> <ul style="list-style-type: none"> • news on circular economy, • communication of the activities of Tknika's circular economy project, • multimedia reports on the events carried out in the centres participating in the project, • documents of interest related to the project, • promotional videos of the different centres participating in the circular economy project, • contacts and references of the project promoters and Tknika as a promoter in the Basque Country, • images of the educational and production process innovations incorporated into the project. <p>The aim of the project is to share and understand the meaning of circular economy and to apply the knowledge in the different vocational training families.</p> <p>There have been no difficulties to carry out this project. All teachers, school principals and students were involved from the beginning.</p>
Other information	<p>The Circular Economy Platform is a project promoted by Tknika (centre for applied innovation in vocational training in the Basque Country) whose mission is to promote innovation projects within the Basque vocational training system in order to carry out applied research in the different professional families. It also aims at transferring the knowledge generated both to the centres and to the teaching staff through dissemination and transfer actions. On the other hand, the ultimate aim of the project is to apply these new agricultural production systems to the real production system. To this end, Tknika uses a network of public-private collaboration between the different vocational training centres in the Basque Country, to which it provides support and advice so that the project can grow and be implemented in the real market.</p>
Contacts and sources	<p>Tknika (Basque VET Applied Research Centre)</p> <p>www.tknika.eus</p> <p>Circular Economy Platform:</p> <p>https://ectknika.wordpress.com/</p> <p>https://tknika.eus/cont/cursos/la-aplicacion-economia-circular-en-fp-euskadi-para-un-futuro-sostenible/</p>

	<p>https://tknika.eus/cont/proyecto-economia-circular-en-centros-de-formacion-profesional-relacionados-con-la-alimentacion-en-gipuzkoa/</p> <p>https://tknika.eus/cont/proyecto-de-economia-circular-en-centros-de-formacion-profesional-relacionados-con-la-alimentacion-en-araba/</p> <p>Circular Economy video presentation:</p> <p>https://drive.google.com/file/d/1Pz4NZqioUAHFQyE5_J9KwMvPWVo1ZaVu/view?usp=sharinghttps://youtu.be/7iORPTf55_c</p>
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