



NextFood has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 771738.



Funding: Horizon 2020, European Union

Call: Rural Renaissance – Fostering Innovation and Business Opportunities

Topic: RUR-13-2017 Building a future science and education system fit to deliver to practice

Grant agreement: No 771738

Duration: May 2018 to April 2022

Coordinator:

Dr Martin Melin, Swedish University of Agricultural Sciences, Alnarp, Sweden

WEBSITE:

<https://www.nextfood-project.eu/>



Nextfood - Educating the next generation of professionals in the agrifood system

Practice Abstract #79: New instrument design and implementation options at University Education Level

Authors: Davide Viaggi, Yaprak Kurtal, Giacomo Rinaldi, Federica Savini (University of Bologna)

University education takes a pivotal role in combatting the challenges faced by the Agri-Food and Forestry (AFF) sectors. In this vein, within NextFOOD, some **policy objectives** and **policy tools** have been proposed to guide **EU member states**, **policymakers**, and **other key stakeholders** involved in policy making in **education**.

One of the key *policy objectives* identified was to enhance **students' and teachers' skills**. To do so, policy tools suggested were: i) introducing and improving courses on soft skills and digital skills, and, for teachers, courses on new education techniques; ii) increasing experience-sharing with other educational levels; iii) establishing closer collaboration between faculties and education experts. More in detail, to enhance **digitalization**: i) increasing the use of digital technologies; ii) mobilising funding to provide technological instruments.

Moreover, the critical importance **to update curricula** was stressed, by: i) incorporating *formal*, *non-formal* and *informal* education; ii) integrating the notion of sustainability into education; iii) establishing an integrated qualification framework; and iv) providing internships and field trips utilising the NextFOOD approach.

Furthermore, these processes need to be accompanied by **international cooperation**, achievable through: i) financing international exchanges; and ii) incentivizing joint classes with different countries.

Finally, the importance of **collaborative policy-making** was underlined, to be achieved via: i) enhancing Public-Private Partnerships, ii) reducing the administrative burden, and creating tax incentives; and iii) enhancing multi-stakeholder approaches by establishing a permanent platform with diverse representatives.



NextFood has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 771738.



Funding: Horizon 2020, European Union

Call: Rural Renaissance – Fostering Innovation and Business Opportunities

Topic: RUR-13-2017 Building a future science and education system fit to deliver to practice

Grant agreement: No 771738

Duration: May 2018 to April 2022

Coordinator:

Dr Martin Melin, Swedish University of Agricultural Sciences, Alnarp, Sweden

WEBSITE:

<https://www.nextfood-project.eu/>



Nextfood - Educating the next generation of professionals in the agrifood system

Practice Abstract #79: Individuazione di nuovi strumenti e opzioni di implementazione nell'ambito dell'istruzione universitaria

Authors: Davide Viaggi, Yaprak Kurtul, Giacomo Rinaldi, Federica Savini (University of Bologna)

L'istruzione universitaria è fondamentale per le sfide future dei settori AFF (Agri-Food e Forestry). Perciò, all'interno del Progetto NextFOOD (NF), sono stati proposti alcuni obiettivi e strumenti politici per guidare gli Stati UE, responsabili politici e altri attori-chiave coinvolti nella definizione delle politiche in materia.

Uno degli obiettivi individuati è stato quello di migliorare **le competenze di studenti e insegnanti**. Gli strumenti suggeriti sono stati: i) l'introduzione o il miglioramento di corsi su *soft skills* e *digital skills* e, per i docenti, corsi sulle nuove tecniche educative; ii) aumentare la condivisione di esperienze educative con altri livelli di istruzione; iii) stabilire maggiori collaborazioni tra le università ed esperti dell'educazione.

Più in dettaglio, per potenziare la **digitalizzazione**: i) maggiore uso di tecnologie digitali; e ii) finanziamenti per la fornitura di strumentazioni.

Importante è l'**aggiornamento dei curricula**, da perseguire: i) incorporando l'istruzione formale, non formale e informale; ii) integrando la nozione di sostenibilità; iii) stabilendo un quadro integrato delle qualifiche; e iv) fornendo stage e formazione sul campo con l'approccio NextFOOD.

Altro elemento è la **cooperazione internazionale**, realizzabile con: i) il finanziamento di scambi internazionali; ii) incentivazione di *joint classes* di paesi diversi.

Infine, è stata sottolineata l'importanza di un **processo decisionale collaborativo**, da raggiungere: i) con il rafforzamento dei partenariati pubblico-privato, ii) con la riduzione degli oneri amministrativi e la creazione di incentivi fiscali; e iii) rafforzando gli approcci multi-attore con un tavolo permanente di rappresentanza.



NextFood has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 771738.



Funding: Horizon 2020, European Union

Call: Rural Renaissance – Fostering Innovation and Business Opportunities

Topic: RUR-13-2017 Building a future science and education system fit to deliver to practice

Grant agreement: No 771738

Duration: May 2018 to April 2022

Coordinator:

Dr Martin Melin, Swedish University of Agricultural Sciences, Alnarp, Sweden

WEBSITE:

<https://www.nextfood-project.eu/>



Nextfood - Educating the next generation of professionals in the agrifood system

Practice Abstract #79: Nuevas opciones de diseño y aplicación de instrumentos en la enseñanza universitaria

Authors: Davide Viaggi, Yaprak Kurtsal, Giacomo Rinaldi, Federica Savini (University of Bologna)

La educación universitaria desempeña un papel fundamental en la lucha contra los retos a los que se enfrentan los sectores agroalimentario y forestal (AFF). En este sentido, dentro de NextFOOD se han propuesto algunos **objetivos y herramientas políticas** para orientar a los **Estados miembros de la UE, a los responsables políticos y a otras partes interesadas clave** que participan en la elaboración de políticas en materia de **educación**.

Uno de los objetivos políticos clave identificados fue el de mejorar **las competencias de los estudiantes y los profesores**. Para ello, se sugirieron las siguientes herramientas políticas: i) introducir y mejorar los cursos sobre competencias blandas y digitales y, para los profesores, cursos sobre nuevas técnicas educativas; ii) aumentar el intercambio de experiencias con otros niveles educativos; iii) establecer una colaboración más estrecha entre las facultades y los expertos en educación. Más en detalle, para potenciar la **digitalización**: i) aumentar el uso de las tecnologías digitales; ii) movilizar fondos para proporcionar instrumentos tecnológicos.

Además, se destacó la importancia crítica de **actualizar los planes de estudio**, mediante: i) la incorporación de la educación formal, no formal e informal; ii) la integración de la noción de sostenibilidad en la educación; iii) el establecimiento de un marco de cualificación integrado; y iv) la oferta de prácticas y viajes de campo utilizando el enfoque NextFOOD.

Además, estos procesos deben ir acompañados de una **cooperación internacional**, que puede lograrse mediante: i) la financiación de intercambios internacionales; y ii) el incentivo de clases conjuntas con diferentes países.

Por último, se subrayó la importancia de **la colaboración en la elaboración de políticas**, que debe lograrse mediante: i) la mejora de las asociaciones público-privadas, ii) la reducción de la carga administrativa y la creación de incentivos fiscales, y iii) la mejora de los enfoques de las múltiples partes interesadas mediante el establecimiento de una plataforma permanente con diversos representantes.