

The background is black and features several decorative elements: scattered red dots, a dashed white line connecting two dots in the upper left, a wavy white line connecting two dots on the left, a dashed white line connecting three dots in the upper right, a dashed white line connecting three dots in the middle right, a dashed white line connecting two dots in the lower right, a wavy white line connecting two dots in the lower left, and a wavy white line connecting two dots in the lower right. There are also several white arcs, some connecting two dots and others being standalone.

D5.2 SUSTAINABILITY PLAN

ET*alliance*

FTalliance

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D5.2 SUSTAINABILITY PLAN

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Abstract:	This report details a series of options and scenarios for the continuation of the FTalliance educational, research and networking activities with and within the partners of the alliance and also toward external interested entities, both HEIs, Research Centers, and Companies in the Fashion-Tech supply chain. The sustainability plan includes both short, mid and long-term activities and includes the planning of the future implementation of the FTalliance shared and replicated models and activities that has been tested during the project timeframe. The report describes the methodology used to achieve the shared sustainability plan among the partners through dedicated meeting and workshops held every 6 months from M18 to M36.
Keyword List:	Educational sustainability, community sustainability, organizational sustainability, financial sustainability, Fashion-Tech Scenarios

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EXECUTIVE SUMMARY

This report details a series of options in shape of scenarios for the continuation of the FTalliance educational, research and networking activities with and within the partners of the alliance and also toward external interested entities, both HEIs, Research Centres, and Companies in the Fashion-Tech supply chain.

The Sustainability Plan includes both short, mid and long-term activities and encompasses the planning of the future implementation of the FTalliance in sharing and replicating models and activities that have been tested during the project timeframe. The report describes the methodology used to achieve the shared Sustainability Plan among the partners through dedicated meetings and workshops held every 6 months from M18 to M36. The Sustainability Plan ensures that the alliance is efficient for target groups and possibly can be transferred to other contexts. It contains information related to:

- Modalities and activities for results exploitation: how, where, and when they will be used and for what purpose, highlighting further development of results in different contexts and situations;
- Modalities and activities for embedding results into the practices of partner organisations;
- Modalities and activities for mainstreaming results into local, national and European provision: transferring results of programmes and initiatives to decision-makers at local, regional, national and European level;
- Modalities and activities for embedding results into the practices of partner organisations;
- Modalities and activities for multiplying models and results and for stimulating end-users to adopt and/or apply the results.

The Sustainability Plan offers an overview of the Sustainability Scenarios that elaborate four possible different roadmaps to exploit achieved results during the project in implementation activities and tasks allowing the continuation and the enlargement of the FTalliance beyond the project lifetime.

The four scenarios of the Fashion-Tech Academy (Grounded Fashion-Tech Academy, Fashion-Tech Academy Radar, Fashion-Tech Academy Enterprise, and Fashion-Tech Academy Everywhere) provides for each of them a general description of the 4 types of sustainability related to knowledge, community, organization and financial resources. Each scenario then details the activities, specific sub-actions, partners involved, timeframes, and types of funds and resources required to implement the specific actions.

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LIST OF ABBREVIATIONS

HEI	Higher Educational Institutions
RTO	Research and Technology Organizations
WP	Work Package
POLIMI	Politecnico di Milano
HB	Hogskole i Boras
ESTIA	Ecole d'ingénieurs
UAL-LCF	University of the Arts London - London College of Fashion
TUD	Technische Universitet Delft
PVD	Pauline Van Dongen
PGZ	Pangaia Grado Zero
CTB	Centexbel

1. INTRODUCTION

The scope of the Sustainability Plan

The FTalliance project has led to the creation of a coalition of HEIs, RTOs and Fashion-Tech companies that have been exchanging knowledge related to this dynamic sector. They are interested in maintaining their network beyond the project to release a series of activities of networking, training and education, and research in the short, medium, and longer terms.

This report highlights the key exploitable results of the FTalliance. It offers an overview of the Sustainability Scenarios that elaborate four possible different roadmaps to exploit achieved results during the project in implementation activities and tasks allowing the continuation and the enlargement of the FTalliance beyond the project lifetime.

The FTalliance website together with all the active social media channels such as Youtube, LinkedIn and Instagram as a tangible result of the activities run so far, will remain the central focal networking element to showcase actual and future results of the activities implemented. For this reason, the FTalliance partners have planned to maintain these channels for 10 years, updating the contents and expanding the various sections and structure on a voluntary basis, to include all the education, research, and networking activities that are part of the Sustainability Plan for the next decade. In support of this, the FTalliance partners (POLIMI + ESTIA) have already progressed to designing and implementing an evolution of the FTalliance platform and social media so that it is possible to monitor the progresses of the consortium membership as long as the implemented activities in the future are sustained. In addition to this, the FTall consortium is aiming to communicate further the actual and future results of the project through events' organization and participation in conferences and fairs relating to the sector directed toward both professional stakeholders and wider audiences. Moreover, further dissemination activities are planned to reach the scientific community, and teaching staff, via publishing scientific articles and participating in academic conferences.

The educational model designed and implemented in WP2 for conducting interdisciplinary, and collaborative classes around the multiple topics of the Fashion-Tech, will be further applied in the future among the partners involved in the consortium and also externally. These will build upon the lessons learned from the collaborations that has been run during the project. In addition to this, other partnerships will be further tested on different topics, and through enhanced educational and pedagogical practices. The focus on Fashion-Tech will also be developed by integrating the FTall curricular model in the HEIs that have been participating in the FTall project but also HEIs that have expressed their interest in expanding their teaching activities in this field. In addition, Open Educational Resources will be maintained and are expected to grow with further shared materials and lectures stemming from future learning and teaching activities.

The prototypes developed by the students during their Fashion-Tech residency and that will be developed in future Residency activities stemming from the project have been and will be included on the FTall platform to promote the pedagogical model and the open resources to other HEIs, as well as inviting new companies and related Fashion-Tech innovation communities to join the knowledge exchange platform.

By detailing short, medium and long-term scenarios, arrangements, and organisational structures, the Sustainability Plan ensures that the FTalliance is efficient for target groups and possibly be transferred to other contexts. It contains information related to:

- Modalities and activities for results exploitation: how, where, and when they will be used and for what purpose, highlighting further development of results in different contexts

- and situations;
- Modalities and activities for embedding results into the practices of partner organisations;
- Modalities and activities for mainstreaming results into local, national and European provision: transferring results of programmes and initiatives to decision-makers at local, regional, national and European level;
- Modalities and activities for embedding results into the practices of partner organisations;
- Modalities and activities for multiplying models and results and for stimulating end-users to adopt and/or apply the results.

Methodology

The structure and contents of the Sustainability Plan has been developed by the WPLEader and the consortium partners through a participatory methodology developed along a period of 18 months, with activities of collaborative brainstorming sessions and elaboration of contents in between 3 meetings that have been scheduled every 6 months (see Figure 1).

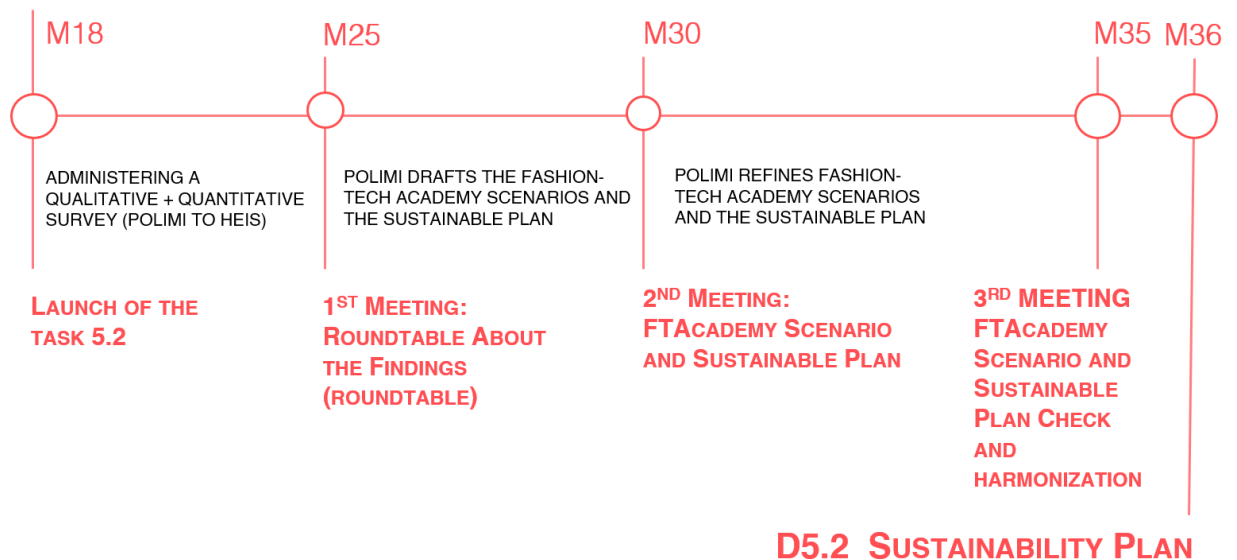


Figure 1 – Timeline of activities to set-up a shared sustainability plan and Fashion-Tech Academy Scenarios

The first meeting (M18) concerned the launch of the activities related to the Sustainability Scenario and Sustainability Plan: all the partners has been invited to answer a qualitative and quantitative questionnaire (M22-M23) to define the foundational values of the collaboration among the partners after the end of the project and understand the main activities that each partner was interested in for networking, training, education, and research scopes. The questionnaire has been included in this report as an attachment. The survey results have been elaborated and synthesized in 7 thematic areas (Figure 2).



Figure 2. Survey thematic areas

These thematic areas has been further discussed during a roundtable meeting held in M25 (January 2022), whose scope was to share the results and elaborate on the cooperation value model. The roundtable was conducted using a collaborative Miroboard that was designed to engage all the partners, both synchronously and asynchronously in brainstorming activities, sharing ideas and proposals, and seeking interest and collaboration among the participants. In particular, the main elements discussed and included further in the Sustainability Scenarios are focusing on activities related to education and training, research, and networking by exploiting the tools, the experiences and the lesson learned during the three years project. Based on the results of this participatory activity, POLIMI as WPLEADER has drafted the Sustainability Scenarios and the corresponding Sustainability Plan (M26-29) that were shared with the FTalliance participants during a digital meeting held at M30 (June 2022).

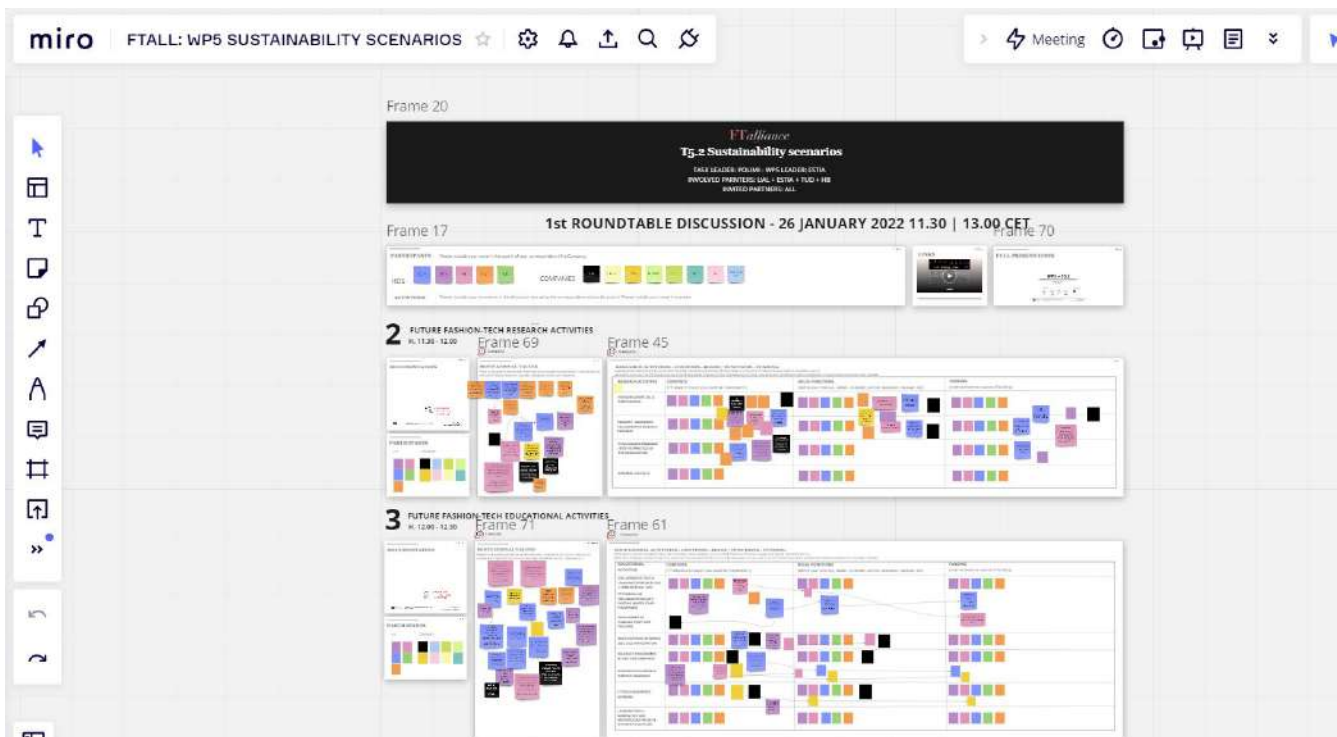


Figure 3 . Miroboard collaborative space for discussion and sharing proposals for the Sustainability Plan

The discussion during the meeting and further suggestions and comments solicited via email were used to harmonize and finalize the structure of the activities inside the Scenarios that have been shared in a final meeting held at M35 (November 2022). The sustainability plan related to networking, education, and research for short, medium, and long terms has been drafted and reviewed to be delivered at M36. The report includes the main results of the aforementioned activities, also considering the possible improvements opportunities and suggestions for partners collaboration reported in the D4.2 (2022).

This report details the project exploitation strategy including after-project sustainability arrangements packaged in four scenarios that include different viable, feasible, and agreed proposals for the continuation of the FTalliance activities beyond the project timeframe. The Sustainability plan has been agreed upon internally at the consortium level. It is a starting point to implement activities for expanding the consortium toward external HEIs, RTOs and Companies in the Fashion-Tech ecosystem.

2. SUSTAINABILITY STRATEGY

FTalliance consortium's objectives, values and motivations

Emerging from the survey and the workshop, the FTalliance consortium members has expressed and agreed on a series of institutional and personal motivations for the continuation of the project.

The primary objective of the sustainability strategy is aimed:

- Internally, to further extend the use, implementation and development of the tools and collaboration activities that has been piloted during the project, accomplishing future iterative research and education activities;
- Internally and Externally, to improve skills and competences of students and teaching staff aligning it to the fashion-tech research and market trends aligned to research and market activities;
- Externally, to promote the leadership and growth of the Fashion-Tech sector via networking, openness of resources and knowledge and continuous update through alignment with market innovation pace;
- Externally, to improve skills and expertise with Fashion-Tech stakeholders external to the consortium performing a reputation assessment and extending the alliance beyond the actual partners.

Hence, acting on these three objectives, the partners of the consortium are motivated to continue the good practices they have established during the three years of the project, exploiting the experiences and tools internally but also externally to boost both the educational offer to students but also their own knowledge on the field. The collaboration among interdisciplinary academic, research and professional entities has been considered a tangible source of expertise growth and exchange that should be nurtured in the future not only for educational scopes but also coupled with research activities to boost the innovation potential and the interest among participating stakeholders.

Structuring FTalliance Sustainability Plan

The Sustainability Plan concerns three main pillars to sustain, support, upheld the project beyond its duration:

- **community sustainability** defines how well the project is rooted in the community that is established after the project with a coherent mission, describing how the community will continue the project, supporting the development and implementation of further activities and feeling the ownership of the project, thus their belonging and interest in continuation of the activities;
- **financial sustainability** describes how the project could sustain its financial needs after the end of the funding of the EACEA. The financial survival can be structured on external multiple sources of funding coming from outside the organization at the local, national and European level such as grants, government fundings, or participation to other European call for projects. However, the financial survival can be also based on internal resources, integrating the funding of the activities into existing systems and raising money within the organization;
- **organizational sustainability** focus on the way the organization will be structured to implement the activities that has been planned in 10 years' time. In particular, a good monitoring and evaluation system is required to ensure that the organizational structure has stability, perform coherently with the scopes and the financial resources allocated and achieve quality and purposeful objectives. The flexibility of the organizational structure proposed in the system ensures that the approach could be adapted in the 10 years' timeframe, facing possible changes, risks and modification due to the normal evolutions of partners, and the transformation of the

sector.

In addition to this, the FTalliance sustainability strategy includes the educational sustainability as a pillar focusing on the modalities, practices and models to shape, transmit, and disseminate the knowledge, being a foundational part in the exchange among partners and also toward the future professionals and students to whom this knowledge is deployed.

Building FTalliance Sustainability Scenarios

The scenario thinking methodology was selected to structure the FTalliance Sustainability Scenarios in order to boost a debate and explore collaboratively divergent possible future of the Fashion-Tech alliance, challenging the status quo of the project and the alliance as it has been structured and conceived during the project by asking “What if?” questions in a disciplined and organised way (Manzini & Jegou, 2000). The objective is to use narratives and stories about how the future might unfold for the FTalliance organization.

Scenario thinking enables four different possible future strategies for the continuation of the project to be determined. Its process starts with the identification of opposite driving forces of change (or macro trends), such as technological, societal, economical drivers or others. Combined in different ways, the opposite driving forces create four possible alternatives to envision and discuss the future directions of the project and the FTalliance.

Scenarios are conceived as hypotheses, provocative and plausible stories about diverse ways in which the FTalliance might evolve in the future, presenting four different visions of a Fashion-Tech Academy, conceived as a way to formulate the future of educational, research and networking activities of the project beyond its three years duration. The challenge for the consortium’s participants is to imagine what it would be like to live and work in each of the described Fashion-Tech Academy scenarios that convey opportunities and threats that the future might hold.

The Fashion-Tech Academy scenarios stem from two opposite forces related to **collaboration** and the **educational provision** among the partners participating in the activities.

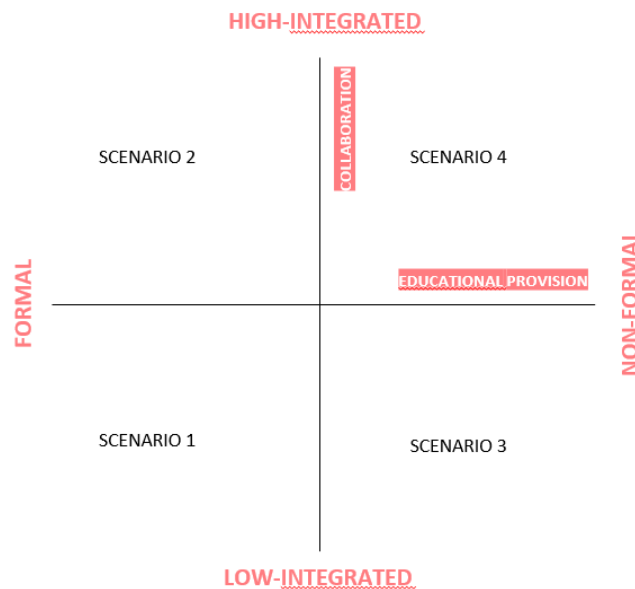


Figure 4. Opposite forces shaping the FTalliance scenarios

For **collaboration** (from collaborare ‘work together’- Latin), we intend the situation of two or more people from or within different organizations/parties working together to create or achieve the same thing on a shared goal/project, especially in an intellectual endeavour. Collaboration often implies not just cooperation but sharing and developing each other’s ideas, committing to the possibility of producing an outcome greater than one that would be developed in a silo. In

the scenarios, we have **high-integration collaboration** which is an open and wide networked collaboration, and **low-Integration collaboration** which is a closed, controlled, and selected collaboration. In terms of **educational provision**, we consider the arrangement of acquiring knowledge through study or imparting the knowledge by way of instructions or some other procedures. For the scenarios, we could have **formal educational provisions** such as a hierarchical, structured, planned and facilitated education in mainstream education settings such as in the HEIs toward an educational diploma and certification, and also a **non-formal educational provisions** which is an open-ended, adjustable, self-driven education disengaged from mainstream education (e.g., HEIs) toward professional skills and capabilities development. As explained in the previous paragraph, each Fashion-Tech Academy scenario is described by unpacking how the activities of the consortium will be delivered in the future, focusing on the four pillars of sustainability, whose related questions are answered in the scenarios' description:

- **KNOWLEDGE: EDUCATIONAL SUSTAINABILITY**
Which kind of knowledge is generated?
How different types of knowledge are generated, managed, and shared?
- **RELATIONSHIPS: COMMUNITY SUSTAINABILITY**
How the community of collaborators is structured (internally and externally)?
Which are their motivation, mission, and values?
Which are the rules and activities enacted by the different collaborators?
- **GOVERNANCE: ORGANIZATIONAL SUSTAINABILITY**
How is the leadership and organizational structure defined?
What is the system by which collaboration and education operate?
Which are the mechanisms to monitor and evaluate the system?
- **FINANCE: FINANCIAL SUSTAINABILITY**
How is financial sustainability achieved of the market demand?
Which are the multiple sources of funding?
How the FT Academy scenario is integrated into existing systems and resources?

3. SUSTAINABILITY PLAN

The Sustainability Plan is described through four scenarios of the Fashion-Tech Academy providing for each of them a general description of the 4 types of sustainability related to knowledge, community, organization and financial resources. Each scenario then details the activities, specific sub-actions, partners involved, timeframes, and types of funds and resources required to implement the specific actions.

Sustainability Scenarios

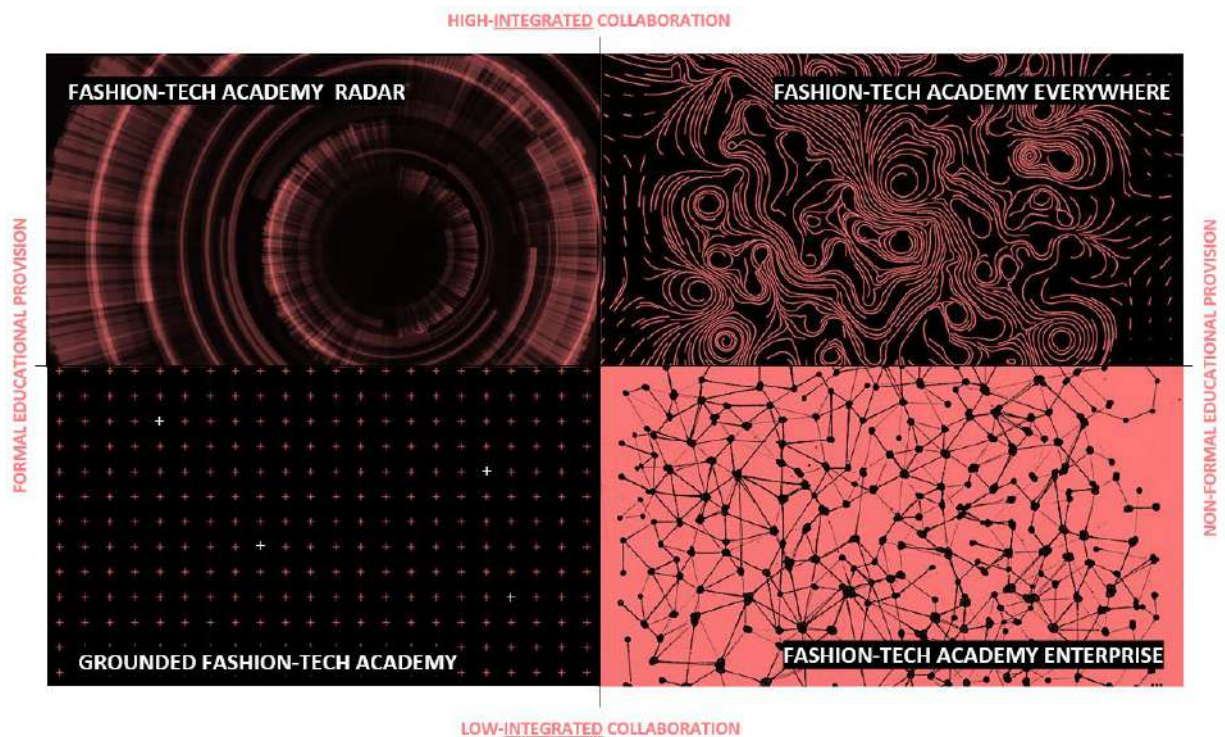


Figure 5 - Sustainability Scenarios: 4 alternative Fashion-Tech Academies

GROUNDING FASHION-TECH ACADEMY

Scenario description

Consolidating Knowledge

In this scenario, the learning experiences and residency programmes tested during the FTalliance project (3 years) would be reiterated and consolidated, building upon lessons learned from the previous pilots and tests to strengthen the partnership between HEIs, Companies and Research Centers in the Consortium, integrate and stabilize winning models into the organization of the existing Consortium partners, and scale the learning experiences from Master Degree to PhD education. Learning experiences' outputs will inform the research about Fashion-Tech.

Established Community

The mission is to consolidate the results through an established and controlled community. Values are consistency, efficiency and effectiveness through the iteration of established processes.

Hierarchic Governance

FTalliance partners will directly contribute to its implementation taking active role in setting up educational, research and networking activities as leader, co-leader, evaluator, reviewer, based on expressed interest among the partners. In order to check/test the quality and fairness of processes, new partners will be invited to join pre-constituted working groups belonging to the consortium. Consortium partners will act as coordinators, both organizing and monitoring the outcomes of the activities for replication and comparison of the outputs.

Internal and external Funds

Activities will be internalized inside the organizations, benefitting from internal budgets related to course delivery and networking implementation with internal teaching staff and experts. FTalliance activities and output will be absorbed in the budget already allocated by the partners. In addition to this, groups of interested partners will ask for external funding by participating in National and European funding calls such as Horizon Europe.

Main activities

Educational activities

- Fashion-Tech (FT) curriculum integration and implementation into existing Master Study Programmes
- Upscaling learning experiences toward PHD students
- Tools, approaches and methodology delivery and use in different disciplines
- Iteration of residency programmes by HEIs and Companies,
- Collaborative digital learning experiences with HEIs and Companies at the MA level

Networking activities

- Mainstreaming results into local, national and European provision.

In this scenario, no research activities are activated.

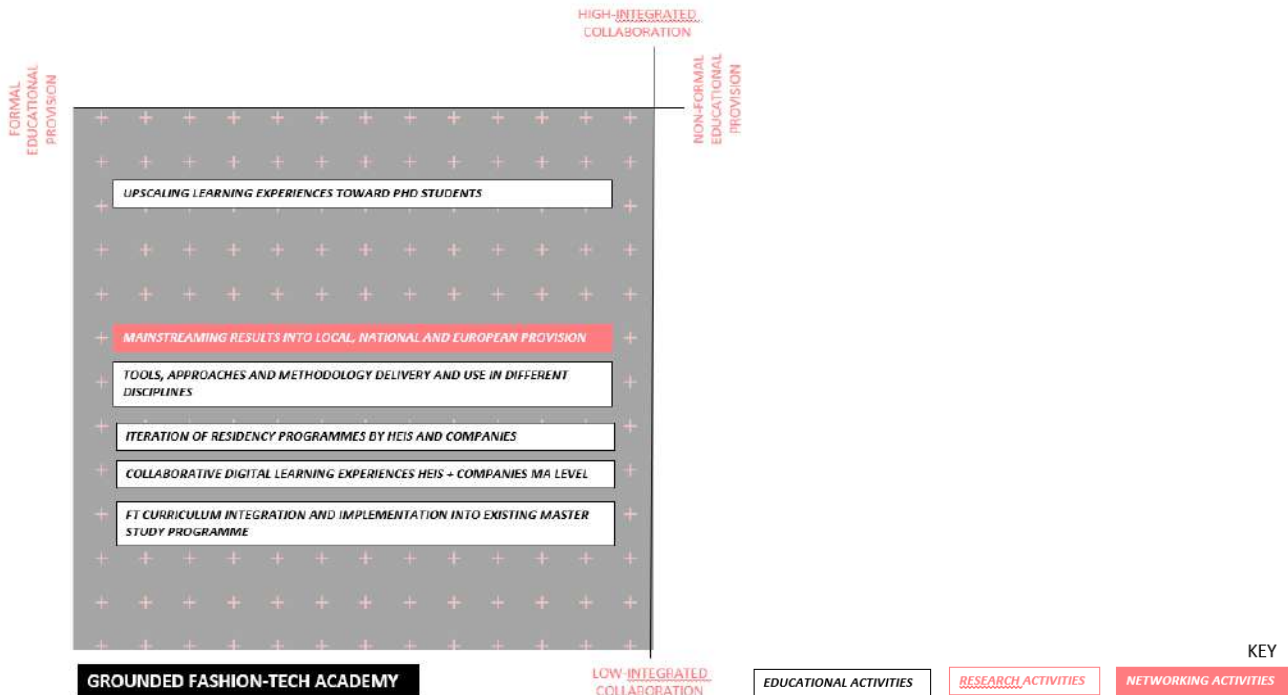


Figure 6. Grounded Fashion-Tech Academy

Main actions, involved partners, timing and financial resources

Table 1 – Grounded Fashion-Tech Academy Educational activities, actions, involved partners, time, human and financial resources

#	MAIN ACTIVITY	MAIN ACTIONS	INVOLVED PARTNERS	TIME	HUMAN RESOURCES	FINANCIAL RESOURCES
A1A1	FT CURRICULUM INTEGRATION AND IMPLEMENTATION INTO THE EXISTING MASTER STUDY PROGRAMME	Developing a Fashion-Tech master degree with University of Navarra (UNAV) Madrid and Pamplona, department of Design developing building on the curriculum structure of FTalliance starting 2024/2025 with partners from UK and Spain fashion industry.	UAL-LCF, UNAV	MEDIUM TERMS (5 YEARS)	Two professors and one administrative staff from each HEIs.	Internal funding
A1A2	FT CURRICULUM INTEGRATION AND IMPLEMENTATION INTO THE EXISTING MASTER STUDY PROGRAMME	Planning an in-curriculum Student Sponsored Project with Enrico Cozzoni for students on the MA Innovative Fashion Production Course at LCF. This would seek to explore how the physics of sustainable fabrics can be accurately replicated in the digital 3D garment.	UAL-LCF, PGZ	SHORT TERMS (1-3 YEARS)	One professor from the HEI and one person from the Company.	Internal funding KE Impact Fund at UAL-LCF
A1A3	FT CURRICULUM INTEGRATION AND IMPLEMENTATION INTO THE EXISTING MASTER STUDY PROGRAMME	Development of new courses within existing curricula and/or inclusion of educational components from FTall in existing courses at the MA level. In particular the MA Design for the Fashion System is a final synthesis design studio focused on driving digital transformation by design. It integrates modules of Advanced Manufacturing for Sustainable Fashion, Theories and Practices for Sustainable fashion, Advanced Interactive Narratives.	POLIMI	ALREADY ACTIVATED (2021/2022 – 2022/2023)	Three professors from the HEI and three professors from the Company	Internal funding
A1A4	FT CURRICULUM INTEGRATION AND IMPLEMENTATION INTO THE EXISTING MASTER STUDY PROGRAMME	Developing a Smart Textile elective course as part of a minor program in MA.	TUD	ALREADY ACTIVATED (2022/2023 – 2023/2024)	One professor from the HEI.	Internal funding

A1A5	FT CURRICULUM INTEGRATION AND IMPLEMENTATION INTO THE EXISTING MASTER STUDY PROGRAMME	Integrating interaction design research methodologies trialled in FTalliance learning experiences into MA Fashion Futures curriculum Unit 2: Speculative Prototyping.	UAL-LCF	SHORT TERMS (1-3 YEARS)	One professor from the HEI.	Internal funding
A2A1	COLLABORATIVE DIGITAL LEARNING EXPERIENCES BETWEEN HEIS + SMES AT MA LEVEL	Developing 6 Fashion-Tech training packages for Istanbul Mode Akademie (IMA) as part of EuropeAid project building on outcomes of WP2 and WP3 of FTalliance.	UAL-LCF	ALREADY ACTIVATED (November 2022 – ongoing)	One fellow researcher and a full professor	Internal funding. External funding from EuropeAid project
A2A2	COLLABORATIVE DIGITAL LEARNING EXPERIENCES BETWEEN HEIS + SMES AT MA LEVEL	Inviting speakers from other partners HEIs to deliver seminars in Engineering Courses at the 4th and 5th year - MA level during expertise modules introduced bi-annually focusing on technology, Fashion-Tech, and sustainability.	ESTIA, TUD	SHORT TERMS (1-3 YEARS)	One professor from each HEIs.	Internal funding. External funding from Erasmus+
A2A3	COLLABORATIVE DIGITAL LEARNING EXPERIENCES BETWEEN HEIS + SMES AT MA LEVEL	Co-leading a pilot collaborative learning experience about Fashion Artisanhip 4.0 as an integrated and interdisciplinary collaborative class for MA students during AA 2022-2023.	POLIMI, HB, MATEREA	ALREADY ACTIVATED (September 2022 – ongoing)	One professor from each HEIs. A collaborator teaching staff from the company Materea	Internal funding related to innovative didactic post-COVID-19 (POLIMI).
A2A4	COLLABORATIVE DIGITAL LEARNING EXPERIENCES BETWEEN HEIS + SMES AT MA LEVEL	Co-leading a pilot collaborative learning experience about Fashion collaborative robotics as an integrated collaborative class for MA students at the AA 2023-2024 (September 2023 - December 2023)	POLIMI, HB, ESTIA, COMPANY (to be decided)	SHORT TERMS (1-3 YEARS)	One professor from each HEIs. A collaborator teaching staff from the selected company	Internal funding related to innovative didactic post-COVID-19 (POLIMI). External funding from Erasmus+
A3A1	TOOLS, APPROACHES AND METHODOLOGY DELIVERY AND USE IN DIFFERENT COURSES OR DISCIPLINES	Collaborating for delivering an expanded Fashion-Tech alliance platform including new modules that host the approaches and methodologies that will be stemming from of current and future learning experiences: open educational experiences, open educational resources, open learning results.	POLIMI, ESTIA	ALREADY ACTIVATED (December 2022)	Two researchers from POLIMI and one researcher from ESTIA.	Internal funding
A3A2	TOOLS, APPROACHES AND METHODOLOGY DELIVERY AND USE IN DIFFERENT COURSES OR DISCIPLINES	Integrating the hybrid learning modality (design + engineering) and tools and methodology of the FTalliance in the new Bachelor's Degree in Industrial Design and Product development (https://www.estia.fr/formations/bachelor-de-technologie-designer-concepteur-industriel)	ESTIA	SHORT TERMS (1-3 YEARS)	One teaching staff and one administrative from the HEI.	Internal funding
A3A3	TOOLS, APPROACHES AND METHODOLOGY DELIVERY AND USE IN DIFFERENT COURSES OR DISCIPLINES	Elaborating an OER about skills gap and job profiles for the Fashion-Tech sector based on the outcomes of WP1. This OER will be released by and uploaded on the FTalliance platform.	UAL-LCF	SHORT TERMS (1-3 YEARS)	One teaching staff and one technical staff from the HEI.	Internal funding
A4A1	UPSCALING LEARNING EXPERIENCES TOWARD PHD STUDENTS	Leading the participation to the call MSCA Doctoral Network. Description of the scope: Cyber-material systems of traceability in textiles.	HB (lead), CTB (partner)	MEDIUM TERMS (5 YEARS)	One professor from the HEI and two researchers from the Company	Internal funding
A4A2	UPSCALING LEARNING EXPERIENCES TOWARD PHD STUDENTS	Co-leading research proposals of PhD programmes in collaboration with companies within the national PNRR initiative in the upcoming two years	POLIMI, COMPANY (to be defined)	SHORT AND MEDIUM TERMS (1-5 YEARS)	Two professors from the HEI and one component from the involved companies.	Internal funding. External funding by participating to bids and public competitions that are funded both from the MUR (Ministry of University and Research) and from interested companies

A5A1	ITERATION OF RESIDENCY PROGRAMMES	Integrating the Residency programme in the Internship activities and thesis development of the MA level (second year).	POLIMI	SHORT TERMS (1-3 YEARS)	One teaching staff	Internal funding. External funding from Erasmus+ for traineeships to guarantee students' travels.
A5A2	ITERATION OF RESIDENCY PROGRAMMES	Integrating the Residency programme in Field Study course in HB's Textile Management Master program	HB	MEDIUM TERMS (5 YEARS)	One teaching staff	Internal funding. External funding.
A5A3	ITERATION OF RESIDENCY PROGRAMMES	Interested in receiving students. From January 2023 onward for a minimum period of three months of stay. Selection modality will be done by proposal definition from the students, portfolio selection and interview. Available topics - - Real-life application of Suntex in outdoor environments (including weather testing, cleaning solutions, coating possibilities); - Exploring the material aesthetics of Suntex (including physical properties, handling, aesthetics on architectural scale, modular design); - User tests of a haptic breathing guidance shirt called MYSA.	POLIMI, HB, PVD	SHORT AND MEDIUM TERMS (1-5 YEARS)	One professor from the HEI and one component from the involved company.	Internal funding.
A5A4	ITERATION OF RESIDENCY PROGRAMMES	Interested in receiving students. Selection modality will be done by proposal definition from the students, portfolio selection and interview.	POLIMI, HB, CTB	MEDIUM TERMS (5 YEARS)	One professor from the HEI and one component from the involved company.	Internal funding.

Table 2 - Grounded Fashion-Tech Academy Networking activities, actions, involved partners, time, human and financial resources

#	MAIN ACTIVITY	MAIN ACTIONS	INVOLVED PARTNERS	TIME	HUMAN RESOURCES	FINANCIAL RESOURCES
A6A1	MAINSTREAMING RESULTS INTO LOCAL, NATIONAL AND EUROPEAN PROVISION	Leading dissemination activities of WP3 and WP4 findings at conferences, and industry-oriented events. Planned activities: Global Fashion Conference 2023 or 2024, Gothenburg Conference on Teaching and Learning in Higher Education (2023 or 2025), MarketPlace Borås events.	HB	SHORT TERMS (1-3 YEARS)	Two researchers if the HEI	Internal and external funding
A6A2	MAINSTREAMING RESULTS INTO LOCAL, NATIONAL AND EUROPEAN PROVISION	Leading dissemination activities of WP2, WP3 and WP5 findings at conferences, and HEIs workshops. Planned activities: Erasmus day event the 14th of October 2022 in collaboration with HB and TUD. Development of the event video to be expanded toward a wider audience.	POLIMI, HB, TUD	SHORT TERMS (1-3 YEARS)	On researcher from each HEI	Internal funding
A6A3	MAINSTREAMING RESULTS INTO LOCAL, NATIONAL AND EUROPEAN PROVISION	Disseminating the results of the project through internal and external newsletter	CTB	SHORT TERMS (1-3 YEARS)	On researcher from the RTO	Internal funding

FASHION-TECH ACADEMY RADAR

Scenario description

Cross-fertilizing Knowledge

In this scenario, knowledge growth toward innovation of the Fashion-Tech sector is driven through cross-fertilization and widening of partners from the entire supply chain, including also fringe stakeholders (Gonzalez-Piñero, Paez-Avilés, Juanola-Feliu and Samitier, 2021).

The detection and collaboration with external partners at 360° will form a FT knowledge hub able to develop thematic strands of research from multiperspective points of view. Research activities will drive the Fashion-Tech Academy and will inform educational activities.

Collaborative community

The mission of this community is development, implementations, updating and commitment to growth. The community is based on continuous update of newcomers joining systematically the FTalliance.

Democratic Governance

Here, processes and procedures are flexible. Participation is extended to the widest number of partners reachable and interested, thus enabling high integration in the Fashion-Tech sector. On the other hand, the leadership of funding partners has the control of quality and processes along with the initial facilitation of team building of newcomers.

European Funding

Given the high integration of partners in the FT sector and the ambition, the activities in this scenario require external funding, mainly coming from European projects calls' participation.

Main activities

Educational activities

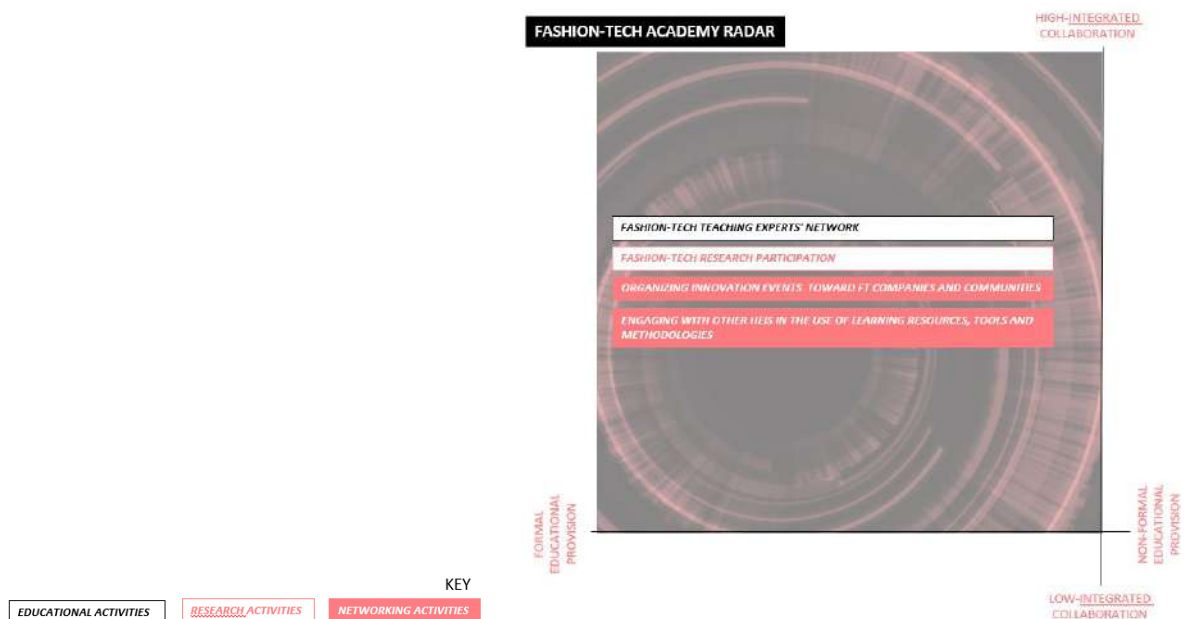
- Creation of a Fashion-Tech teaching expert network

Networking activities

- Organization of Innovation Events toward FT companies and communities.
- Engaging with other HEIs in the use of learning resources, tools and methodologies

Research activities

- Set-up of Fashion-Tech research groups of interests.



Main actions, involved partners, timing and financial resources

Table 3 - Fashion-Tech Academy Radar Educational activities, actions, involved partners, time, human and financial resources

#	MAIN ACTIVITY	MAIN ACTIONS	INVOLVED PARTNERS	TIME	HUMAN RESOURCES	FINANCIAL RESOURCES
A7A1	FASHION-TECH TEACHING EXPERTS' NETWORK	Developing a Knowledge Exchange project with Enrico Cozzoni that centres on the production of a digital materials service.	UAL-LCF, Enrico Cozzoni	SHORT TERMS (1-3 YEARS)	Two professors from HEIs and one company member	Internally funded by the KE Impact Fund at UAL-LCF
A7A1	FASHION-TECH TEACHING EXPERTS' NETWORK	Participating as partner or guest lecturer (no permanent lectures possible), and workshop leader (depending on group).	CTB, PVD	SHORT TERMS (1-3 YEARS)	One professor from each company	Internally funded

Table 4 - Fashion-Tech Academy Radar Research activities, actions, involved partners, time, human and financial resources

#	MAIN ACTIVITY	MAIN ACTIONS	INVOLVED PARTNERS	TIME	HUMAN RESOURCES	FINANCIAL RESOURCES
A8A1	FASHION-TECH RESEARCH SET-UP AND PARTICIPATION	Leading call participation related to FT and Social Responsibility + Fashion media	UAL - LCF	SHORT TERMS (1-3 YEARS)	One professor from HEI	External resources (HORIZON EUROPE, INTERREG FUNDS, NATIONAL AND REGIONAL FUNDS)
A8A2	FASHION-TECH RESEARCH SET-UP AND PARTICIPATION	On-boarding fruitful collaboration with partners as coordinators, but also open to participate to partners' proposals about: <ul style="list-style-type: none"> the interdependency and correlation of FT applications and sustainability impact (e.g., with CTB, HB, PGZ), the digital fashion impact on the supply chain on a PLM level (e.g., with CTB, HB), the impact on technologies on artisanship, the impact of technologies in ethics and users (e.g., with UAL, PVD) Hypercustomization and networked production of garments (e.g. HB, PGZ) innovative fashion-tech design processes and correlated business models (e.g., with HB), etc. Fashion-Tech sustainability 	POLIMI	SHORT TERMS (1-3 YEARS)	Two professors from HEI	External resources (HORIZON EUROPE, INTERREG FUNDS, NATIONAL AND REGIONAL FUNDS)
A8A3	FASHION-TECH RESEARCH SET-UP AND PARTICIPATION	Co-leading call participation related to FT business models for social innovation.	HB	SHORT TERMS (1-3 YEARS)	One professor from HEI	External resources (HORIZON EUROPE, INTERREG FUNDS, NATIONAL AND REGIONAL FUNDS)
A8A4	FASHION-TECH RESEARCH SET-UP AND PARTICIPATION	Partnering in proposal related to Engineering and Business model innovation for circular economy in Fashion	ESTIA	SHORT TERMS (1-3 YEARS)	One professor from HEI	External resources (HORIZON EUROPE, INTERREG FUNDS, NATIONAL AND

						REGIONAL FUNDS)
A8A5	FASHION-TECH RESEARCH SET-UP AND PARTICIPATION	Partnering in proposals about smart textile innovations	PVD	SHORT TERMS (1-3 YEARS)	One researcher from the Company	External resources (HORIZON EUROPE, INTERREG FUNDS, NATIONAL AND REGIONAL FUNDS)
A8A6	FASHION-TECH RESEARCH SET-UP AND PARTICIPATION	Partnering in proposals about standardisation & certification topics (besides research in general), and biobased materials (to the circular economy in general)	CTB	SHORT TERMS (1-3 YEARS)	One researcher from the Company	External resources (HORIZON EUROPE, INTERREG FUNDS, NATIONAL AND REGIONAL FUNDS)
A8A7	FASHION-TECH RESEARCH SET-UP AND PARTICIPATION	Partnering research in personal cooling garments of PGZ with recent cooling developments with a joint project or as an external partner in an existing project	TUD	SHORT TERMS (1-3 YEARS)	One researcher from the HEI and the Company	External resources (HORIZON EUROPE, INTERREG FUNDS, NATIONAL AND REGIONAL FUNDS)

Table 5 - Fashion-Tech Academy Radar Networking activities, actions, involved partners, time, human and financial resources

#	MAIN ACTIVITY	MAIN ACTIONS	INVOLVED PARTNERS	TIME	HUMAN RESOURCES	FINANCIAL RESOURCES
A9A1	ORGANIZING INNOVATION EVENTS TOWARD FT COMPANIES AND COMMUNITIES	Leading the Biarritz Fashion week (annually) hosting the FTalliance events. Events are expected to be in October each year, hosting participants from Fashion-Tech companies, researcher from HEIs and students.	ESTIA	SHORT TERMS (1-3 YEARS)	One researcher from the HEI	Internal resources
A9A2	ORGANIZING INNOVATION EVENTS TOWARD FT COMPANIES AND COMMUNITIES	Co-leading and partnering networking events based on the expertise in organizing innovation events/hacathons/ within its Marketplace Borås platform at HB/THS. Events are expected to be held in 2024/2025, with events focus, actors, sectors representatives to be determined in collaboration with Swedish Fashion Council.	HB	SHORT TERMS (1-3 YEARS)	One researcher from the HEI	Internal and external resources
A9A3	ORGANIZING INNOVATION EVENTS TOWARD FT COMPANIES AND COMMUNITIES	Leading the implementation of an event to present the FT results on one of the events organized by CTB. These events are mainly attended by industry stakeholders.	CTB	SHORT TERMS (1-3 YEARS)	One researcher from the RTO	Internal resources
A10A1	ENGAGING WITH OTHER HEIS IN THE USE OF LEARNING RESOURCES, TOOLS AND METHODOLOGIES	Leading 1to1 call with HEIs stakeholders that have manifested interest in the project activities and results.	POLIMI	SHORT TERMS (1-3 YEARS)	One researcher from the HEI	Internal resources

FASHION-TECH ACADEMY ENTERPRISE

Scenario description

Personalized Knowledge

In this scenario, updating knowledge in the Fashion-Tech sector is driven by emerging, specific, both short and long-term needs of the companies. In this way, education is personalized and adapted to form the professional needed by the companies. HEIs support will focus on framing the scientific and pedagogical methodologies personalized on the Companies' expectations. In this scenario, the personalized learning experience is aimed at research and development opportunities on new markets and businesses.

Clustered community

The mission of this scenario is result-oriented based on company-driven interests and necessities to be achieved first and fast. Driving values are competition, profitability, market share and goal achievement. The community is structured in closed clusters around companies conceived as private enterprises that will run educational and research activities with the collaboration of HEIs. These clusters are seldom competitors among each other, striving to get first to the goal achievements. HEIs should ensure data protection on the different clusters.

Private Governance

Processes and procedures are regulated by private enforcement, self-regulation, and informal mechanisms that private companies use to achieve their goals, being the first to address new markets, protecting their property rights, and aggressively competing. Decision making is centralized with a flat structure on few partners enabling flexibility and agility.

Self-Financing

Companies will finance education and research activities with many forms (contracts, scholarship, executive training, joint Research Centres) based on their interests, toward the achievement of their goals, being tangible performance and results.

Main activities

Educational activities

- Industry – HEIs joint educational activities supported by the scientific direction of HEIs.

Research activities

- Industry – HEIs collaborative research activities
- Working on the qualification and job profiles needed by Fashion-Tech companies

Networking activities are implemented in the educational and research activities



Main actions, involved partners, timing and financial resources

Table 6 - Fashion-Tech Academy Enterprise Educational activities, actions, involved partners, time, human and financial resources

#	MAIN ACTIVITY	MAIN ACTIONS	INVOLVED PARTNERS	TIME	HUMAN RESOURCES	FINANCIAL RESOURCES
A11A1	INDUSTRY-HEIS EDUCATIONAL ACTIVITIES SUPPORTED BY HEIS	Supporting research activities to define the scientific approach and model and test it in educational format that are industry-driven	POLIMI	MEDIUM TERMS (5 YEARS)	One professor from HEI and two researchers from involved companies	Funded by the involved Company and partially by internal funds from the HEI

Table 7 - Fashion-Tech Academy Enterprise Research activities, actions, involved partners, time, human and financial resources

#	MAIN ACTIVITY	MAIN ACTIONS	INVOLVED PARTNERS	TIME	HUMAN RESOURCES	FINANCIAL RESOURCES
A12A1	INDUSTRY-HEIS COLLABORATIVE RESEARCH	Partnering in research related to Biomaterials and performance, Fashion-Tech as urban connector (social and infrastructure).	UAL-LCF	MEDIUM TERMS (5 YEARS)	One professor from HEI and two researchers from involved companies	Internally funded by the KE Impact Fund at UAL-LCF
A12A2	INDUSTRY-HEIS COLLABORATIVE RESEARCH	Partnering in research about new Fashion-Tech business models and innovation of creative productive processes + sustainability and circularity. Setting the scientific approach	POLIMI	MEDIUM TERMS (5 YEARS)	One professor from HEI and two researchers from involved companies	Funded by the involved Company and partially by internal funds from the HEI
A12A3	INDUSTRY-HEIS COLLABORATIVE RESEARCH	Partnering in research about Fashion-Tech business models for social innovation, digitalisation and sustainability in fashion industry	HB	MEDIUM TERMS (5 YEARS)	One professor from HEI and two researchers from involved companies	Funded by the involved Company and partially by internal funds from the HEI
A12A3	INDUSTRY-HEIS COLLABORATIVE RESEARCH	Partnering in research about Business model innovation for circular economy in Fashion	ESTIA	MEDIUM TERMS (5 YEARS)	One professor from HEI and two researchers from involved companies	Funded by the involved Company and partially by internal funds from the HEI
A12A4	INDUSTRY-HEIS COLLABORATIVE RESEARCH	Partnering in proposals about smart textile innovations	PVD	MEDIUM TERMS (5 YEARS)	One professor from HEI and two researchers from involved companies	Funded by the involved Company and partially by internal funds from the HEI
A13A1	WORKING ON THE QUALITIFICATION AND JOB PROFILES NEEDED BY FASHION-TECH COMPANIES	Contributing to providing input for qualification and job profiles based on their experience.	CTB, PVD	MEDIUM TERMS (5 YEARS)	One professor from HEI and two researchers from involved companies	Internally funded

FASHION-TECH ACADEMY EVERYWHERE

Scenario description

Customized Knowledge

Open-knowledge creation and open-knowledge fruition in a model of an open ecosystem based on digital and virtual systems that enable users, identified as young or senior students and professional, to autonomously customize or make changes to the learning experience they want to meet their specific learning needs. Knowledge customization may involve selecting contents and topics of interest, along with fruition modalities stemming from the provided ones in a free and adaptable way, creating learning paths that reflect the users' priorities, to achieve an individualized FT literacy toward new competences and skills.

Collectivity

The mission of this scenario is creativity and innovation, toward a globally distributed FT academy for high level education that is started and autonomously grows from participants contribution. The community is continuously growing with a stigmergic organization, through a collective intelligent entanglement, that organizes and stimulates actions through self-organization and distributed cognition. This behaviour is allowed by the building of an intelligent and adaptable platform.

Adhocratic Governance

This flexible, adaptable, creative, and organic governance is defined by a lack of formal organizational structure, little formalization of behaviours, and spontaneity of participation. This creative orientation of the organization aims to capture a wider range of learning opportunities through individual initiative, adapting quickly to changing conditions. Control is decentralized flowing from individual to individual. Evaluation is based on qualitative/quantitative self-assessment.

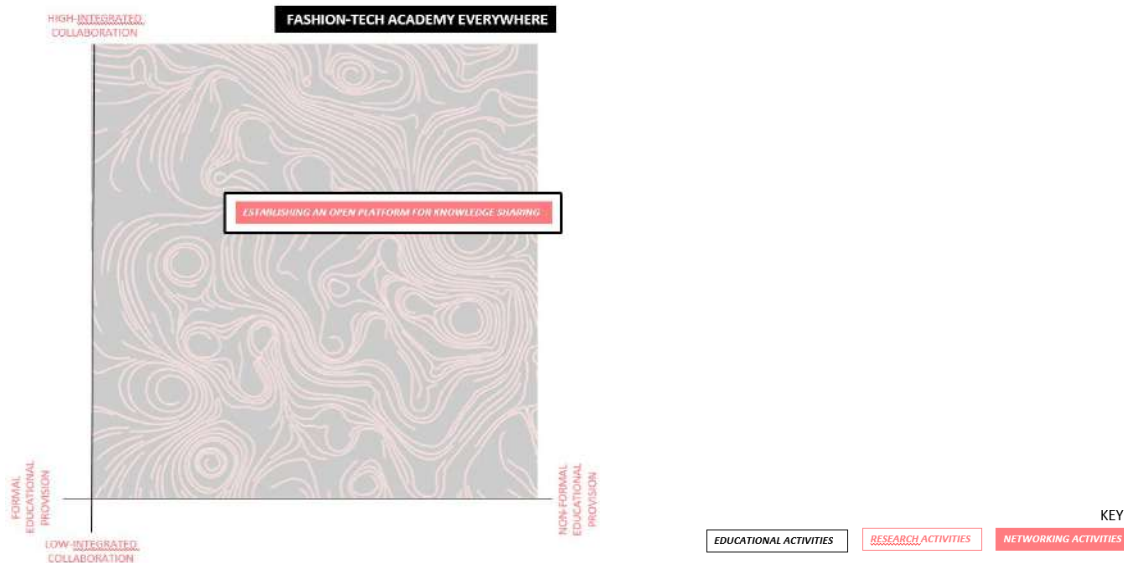
Entrepreneurial Finance

Dynamic, entrepreneurial, risk-taking funding activities are required to create an ambitious project that focus on the high level of collaboration and the building of a platform for the continuation of its existence.

Main activities

Educational, research and networking activities

- Establishing an open platform for knowledge sharing.



Main actions, involved partners, timing and financial resources

Table 8 - Fashion-Tech Academy Everywhere Educational, Research and Networking activities, actions, involved partners, time, human and financial resources

#	MAIN ACTIVITY	MAIN ACTIONS	INVOLVED PARTNERS	TIME	HUMAN RESOURCES	FINANCIAL RESOURCES
A14A1	ESTABLISHING AN OPENPLATFORM FOR KNOWLEDGE SHARING	Contributing to setting an open source platform for sharing wearable tech projects to be used freely for educations, self-learning, open knowledge for research purposes and to make connection with the projects' stakeholders.	PVD, POLIMI	LONG TERM (10 YEARS)	Two researchers from the involved company and two researchers from the involved HEI	Internal and external
A14A2	ESTABLISHING AN OPENPLATFORM FOR KNOWLEDGE SHARING	Contributing to setting an open directory and contacts of HEI's and companies of wearable/fashion-tech.	PVD	LONG TERM (10 YEARS)	Two researchers from the involved company	Internal and external

4. THE FUTURE FASHION-TECH ALLIANCE

FTalliance consortium structure

Investigating different options of organisational structures among membership, network, foundation, and other possible legal arrangements, the FTall consortium has decided to use a free and open model, benefiting from the multilateral agreement signed at the beginning of the project by all the partners. The multilateral agreement among all the partners states also the commitment to implement further activities after the end of the FTall project. Any other membership and agreement will be signed among the interested parties to implement any further educational, research and networking activities as detailed in the previous Fashion-Academy scenarios in the future.

FTalliance events participation and organization

Through this Sustainability Plan, FTall partners will continue to disseminate the actual and future project results by organizing or being hosted at innovation events targeting Fashion-Tech companies and related innovation communities. The following table describes the roadmap for one year dissemination model aiming to bring visibility to the project and stakeholders, key actors and end-users involved across Europe after the end of the project. The proposed dissemination activities span from roundtable discussion, workshop, to presentation at conferences and events aiming to speed up the diffusion of the project results toward fashion companies, HEIs and RTOs. The first year communication and dissemination activities (Table 9) will be replicated among FTall partners for the forthcoming years in order to spread further the results stemming from the post-project activities that has been detailed in the previous Fashion Academy Scenarios.

Table 9 – List of event participation and organization for one year after the project

EVENT	WHEN	EVENT TYPOLOGY	ROLE	LINK
Texworld Evolution fair in Paris	7 February 2023	Roundtable discussion held during a professional fair	ESTIA and CHAIRE BALI organize a roundtable discussion to showcase the results of the project and involve the local, regional, national community of companies and professional stakeholders in the conversation about Future collaboration with the FTalliance Consortium. FTall consortium partners will participate and contribute to the discussion.	https://texworld-paris.fr.messefrankfurt.com/paris/en.html

Esmod Workshop	6/8 February 2023	Workshop held at a fashion school in Paris	ESTIA organizes a workshop at ESMOD fashion school, involving the HEIs of project to discuss about the evolving and emerging needs of Fashion-Tech employers and how can we address them as HEIs. Partnering with UAL-LCF, the workshop will present the Portfolio of Fashion-Tech job profiles and roles done by FTA.	https://www.esmod.com/
Horizon event "kledingtextiel" (Garment textile)	23 March 2023	Conference	CTB organizes and disseminate the results through a presentation to a wider audience of stakeholders (professionals and companies).	https://www.centexbel.be/en/agenda/horizonverkenning-kledingtextiel
IFFTI	3-6 April 2023	Conference	FTall partners will participate in disseminating the results of the project from WP3 and WP4.	https://iffiti2023.co.nz/
Erasmus Days	(October 2023)	Conference	FTall partners will participate in disseminating the results of the project from WP3 and WP4.	https://www.erasmusdays.eu/
Biarritz Fashion week	(October 2023)	Conference (TO BE CONFIRMED)	ESTIA and CHAIRE BALI organize the conference annually and will integrate a session from FTall.	https://chaire-bali.fr/index.php
IAF and Euratex convention	(November 2023)	Conference	FTall partners will participate in disseminating the results of the project from WP3 and WP4.	https://conventionantwerp.com/
GFC	(October 2023)	Conference	FTall partners will participate in disseminating the results of the project from WP3 and WP4.	http://gfc-conference.eu/

Future FTalliance partners

During the activities of dissemination of the FTall project, all the partners has received contacts from other HEIs and companies that would like to take part to the FTalliance consortium in many different ways, from learning more on piloted educational activities and tested tools to taking active part in the development of a network of experts in the Fashion-Tech field. The received contacts has been mapped in the following table 10 and define the FTalliance extended consortium after the project life. The project coordinator (POLIMI) will take charge of connecting again with these newcomer partners and setting purposeful discussions to set up future collaborations.

Table 10 – Expression of interest of the expanded network of the FTalliance consortium

CONTACT PARTNER	RECEIVED EXPRESSION OF INTEREST	DISCUSSED FUTURE COLLABORATION
POLIMI	Fashion Council Germany, Berlin (Germany) https://en.fashion-council-germany.org/	Association interested in hosting lecturers from FTall partners and exchanging experiences and contacts from the Companies of their network.
POLIMI	Institute of Digital Technologies for Communication Faculty of Communication, Culture and Society USI - Università della Svizzera italiana, Lugano (Switzerland) https://www.com.usi.ch/en	HEI working on Fashion-tech from the point of view of marketing and communication, interested in understanding similar research positions and topics around the digital transformation in Fashion.
POLIMI	Gdansk University of Technology, its Department of Informatics in Management of the Faculty of Management and Economics, Gdansk (Poland). https://zie.pg.edu.pl/en/homepage/department-informatics-management	HEI working on Fashion-tech from the point of view of marketing and communication, interested in joint research and education activities around topic of digital transformation in Fashion.

POLIMI	FHNW University of Applied Sciences and Arts Northwestern Switzerland Academy of Art and Design Institute of Contemporary Design Practices, Munich (Switzerland) https://www.fhnw.ch/en/about-fhnw/schools/academy-of-art-and-design/institute-contemporary-design-practices	HEI willing to structure modules focusing on fashion-tech and sustainability, getting inspiration from tools and methodologies tested in the piloted learning experiences of FTall.
POLIMI	MATEREA, Monza Brianza (Italy) https://materea.industries/	Company working with non-standard fabrication technologies in different fields in which fashion is one of the most emergent. They have been participating as collaborator and teaching staff, during the collaborative classroom organized by POLIMI and HB (AA.2022-23)
POLIMI	SUPERFORMA, Milan (Italy) https://superforma.xyz/	Company working with 3D printing and additive manufacturing on textile and for textile. They are available for a Residency period of a student in their studio.
POLIMI	THRILL DIGITAL London (UK) https://thrill.digital/	Company that participated to the first Fashion-Tech Learning Experience and has been interested in participating in Fashion-Tech Residency
POLIMI	IL3X Milan (Italy) https://il3x.com/	Company that participated to the first Fashion-Tech Learning Experience
POLIMI	WearFits Krakow (Poland) https://wearfits.com/	Company that participated to the first Fashion-Tech Learning Experience
ESTIA	ESITH, Casablanca (Morocco) https://www.esith.ac.ma/	HEI focusing on fashion, sustainability, circularity, engineering and design, interested in replicating piloted learning experiences
ESTIA	CETIA, Biarritz (France) https://cetia.tech/	Research entity focusing on fashion, sustainability, circularity, engineering and design, interested in replicating piloted learning experiences
UAL - LCF	UNAV Madrid and Pamplona, Department of Design Pamplona, Navarra (Spain) https://www.unav.edu/web/grado-en-diseno	UNAV Madrid and Pamplona, Department of Design are interested in developing a joint MA in Fashion-Tech building on the curriculum structure of FTalliance starting in 2024/2025 with partners from UK and the Spain fashion industry
UAL - LCF	Istanbul Mode Akademie (IMA) Istanbul (Turkey) https://www.istanbulmodaakademisi.com/en	Developing 6 fashion tech training packages for Istanbul Mode Akademie (IMA) as part of EuropeAid project building on the outcomes of work package 2 and 3 of FTalliance
UAL - LCF	SUPMODE Bordeaux (France) https://www.sup-mode.fr/	Company interested in becoming partner
UAL - LCF	COATS PLC Lille (France) https://coats.com/fr/	Company interested in becoming partner
UAL - LCF	By-Borre Amsterdam (The Netherlands) https://byborre.com/	Company that participated to Fashion-Tech Residency (M27-M32) and could be interested in further educational and
UAL - LCF	Sefleuria London (UK) https://www.sefleuria.com/	Company that participated to the Fashion-Tech Learning Experience

FTalliance web platform future implementations

Conceived as a window to showcase the activities, the tools and results of the project FTalliance, the FTalliance web platform will continue to be maintained after the project for 10 years. POLIMI will host the FTalliance web platform in its servers and will be in charge in maintaining it. Updates to showcase the further implementations will be delivered on a voluntary basis from all the partners of the FTall consortium. POLIMI with ESTIA have already started to reshape the platform to guarantee that the future activities and results stemming from the afterproject could be included in the section Resources, aiming at delivering open knowledge in diverse formats.

The section resources includes *Open Educational Experiences*, *Open Educational Resources*, and *Open Learning Results*. The subsection *Open educational experiences* encompasses future results of integration of Fashion-Tech curricula, or other learning experiences and educational modules stemming from the FTall project. Therefore it will showcase further implementation of the FTalliance

project in terms of Curriculum integration, further Collaborative Classes, Workshop and Hackathons as examples of shorter educational formats.

Open Educational Resources contains the video lectures that have been produced during the project and the ones that will come from future courses, divided by topics and by learning experiences piloted and implemented. We expect that a number of Open Educational Resources (circa 4) for each future learning experience will be released.

Open learning results is a section that aims to deliver an open platform of projects results, to release open knowledge as in the scope of the Fashion-Tech Everywhere scenario. This section will contain thesis projects, Fashion-Tech residency results and finally open projects and tutorials aiming to reach students and professionals for self-paced learning, showcase of their projects and networking.

In support of this, also the FTalliance youtube channel will be maintained to guarantee that materials from the Open Educational Resources but also events related videos will stay visible and searchable.

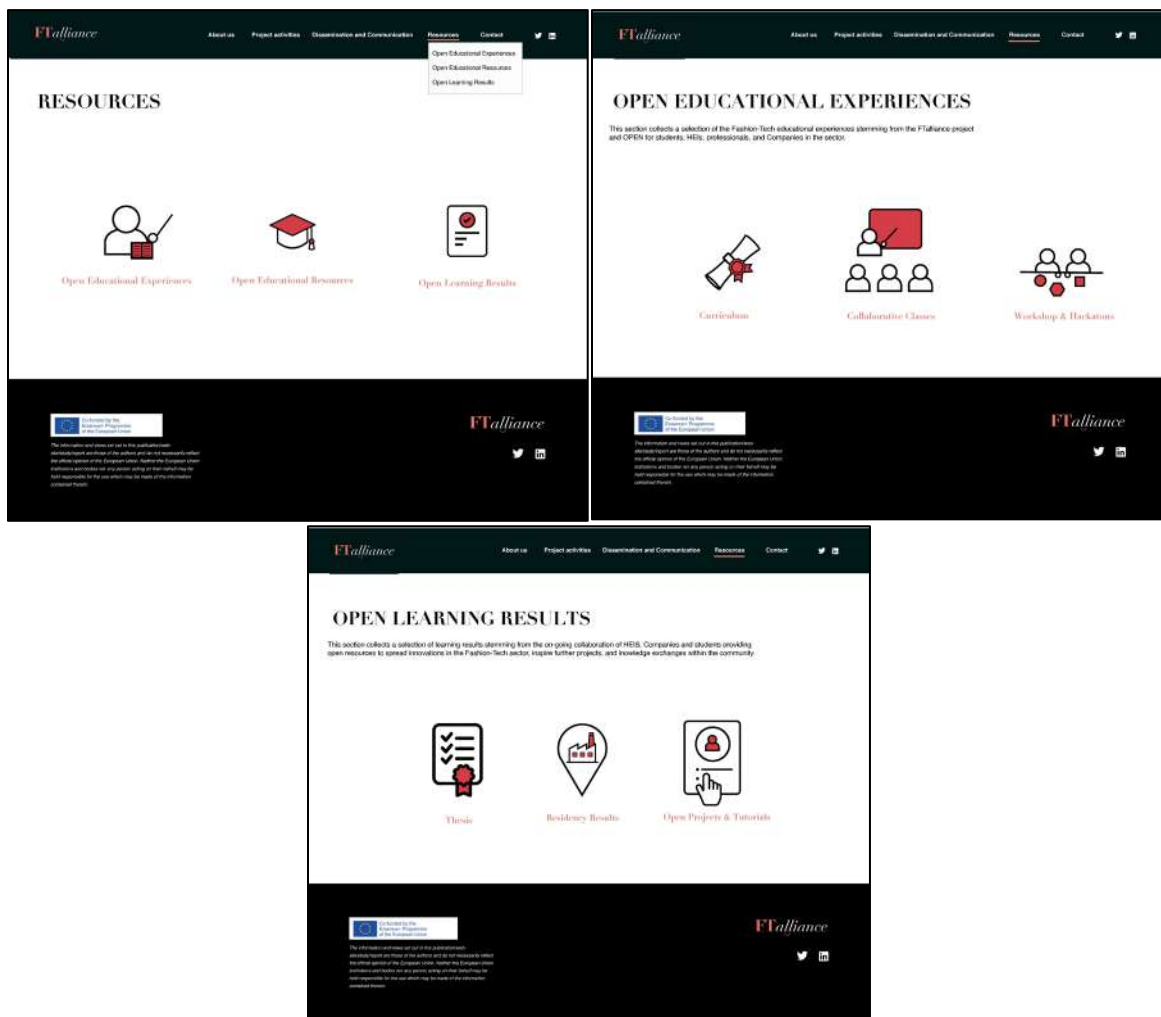


Figure 7 Implementation of the FTalliance web platform for Open educational experiences, Open Educational Resources, and Open learning results

The FTall web platform will also diffuse further articles and papers stemming from the project and the further activities of the consortium partners' included in the Dissemination and communication section. Future events activities will be included in the event section.

Conclusions

The sustainability plan details a series of educational, research and networking activities to ensure that the FTalliance will be efficient for target groups in the short, medium and long term beyond project end.

It contains indication of how, where and when the lessons learned and results obtained will be exploited and for what purpose, how the results will be embedded into the practices of partner organisations, and how the results will be mainstreamed into local, national and European provision. Besides, the Sustainability Plan focus on dissemination of the results and also multiplying their impact by stimulating end-users to adopt and/or apply the results.

In the post-project era, FTalliance is committed to maintain and further develop the following project's results:

- HEIs' integration of the curriculum and the learning resources into the existing Master study programmes;
- Iteration of new learning experiences of collaborative classes and residency as fruitful educational models generated from the FTalliance;
- Establishing a Fashion-Tech teaching network for future collaboration at research and educational level;
- FTall partners will continue to deliver workshops, seminars and presentations spreading the outcomes of the project;
- FTall partners will continue to improve the web platform for knowledge sharing through open resources on a voluntary basis;
- Implementation of qualification and job profiles adopted by HRs and placements.

The cooperation and synergies between the partners are expected to lead to further collaborative research in Fashion-Tech areas spinning out from industry-academia cooperation put in place by the FTalliance.

5. REFERENCES

D4.2 Learning Experiences Evaluation (2022)

Gonzalez-Piñero M., Paez-Avilés C., Juanola-Feliu E. and Samitier J. (2021) Cross-fertilization of knowledge and technologies in collaborative research projects JOURNAL OF KNOWLEDGE MANAGEMENT j VOL. 25 NO. 11 2021, pp. 34-59, Emerald Publishing Limited, ISSN 1367-3270 - DOI 10.1108/JKM-04-2020-0270

Manzini E. & Jegou F. (2000) The construction of Design Orienting Scenario. Final Report

6. ATTACHMENTS

Fashion-Tech Alliance Sustainability Survey

Introduction

The aim of this survey is to investigate the expansion of FTalliance beyond the project's lifetime, reflecting on the continuation of the Alliance in research, educational and networking terms. The results of the survey will be analysed as a starting point to develop several sustainability scenarios and to elaborate a roadmap for the continuation and the enlargement of the FTAlliance in the short (1/2 years), medium (5 years), and long (10 years) timeframe after the end of the project. It will also serve to define the values on which the cooperation will be based to set a model on which the partners can continue to engage and cooperate.

Name / Surname of the participant _____

Role _____

Affiliation (HEIs) _____

Part 1: Exploring values and motivations

1.1 In December 2022, the FTalliance project will end. In your opinion, what can be the motivations driving FTalliance project to set *research, educational and networking activities* to be implemented after the end of the FTalliance project?

1.2 Why the HEI where I work should be involved in *research, educational and networking activities after the end of the FTalliance project*?

1.3 Why I myself would like to be involved in *research, educational and networking activities after the end of the FTalliance project*?

Part 2: Exploring future *research, educational and networking* activities of Fashion-Tech Alliance

Fashion-Tech Research activities

2.1 Which research activities would you be interested in setting up with the partners of the FTall Consortium in the upcoming years?

- Embedding project results into the practices of partner organisations.
Not interested at all – Not interested – Neutral – Interested – Extremely interested
- Setting another Erasmus+ / Knowledge Alliance calls stemming from the current one
Not interested at all – Not interested – Neutral – Interested – Extremely interested
- Participating to Horizon Europe calls to build on the results of the current project
Not interested at all – Not interested – Neutral – Interested – Extremely interested
- Setting further collaborative research in the Fashion-Tech areas spinning out from industry-academia cooperation
Not interested at all – Not interested – Neutral – Interested – Extremely interested

2.2 Are there any other research activity that you are interested in setting up as a continuation of the FTalliance project in the upcoming years. If yes, please specify:

2.3 Please, for the research activities you are interested in, when you would be interested in implementing them between short, medium, long term timeframe?

Research activities	Short term	Medium terms	Long terms	NA
Embedding project results into the practices of partner organisations				
Setting another Erasmus+ / Knowledge Alliance calls stemming from the current one				
Participating to Horizon Europe calls to build on the results of the current project				
Setting further collaborative research in the Fashion-Tech areas spinning out from industry-academia cooperation				
Other...(please specify)				

2.4 Pick the one you are more interested in and explain how you would like to implement it. Please specify modality and your contribution/role in the activity set-up and implementation.

.....

2.5 Please can you share which are your motivations?

.....

2.6 Which are the main constraints in **organisational terms** (e.g. schedule) you think may limit the continuation and exploitation of the research activity you are more interested in?

.....

2.7 Which are the main constraints in **instructional terms** (e.g. research contents) you think may limit the continuation and exploitation of the research activity you are more interested in?

.....

2.8 Which are the main **opportunities/benefits/advantages** to be seized for the continuation and exploitation of the research activity you are more interested in?

.....

2.9 Which are the main **limitations/problems** foreseen for the continuation and exploitation of the research activity you are more interested in?

.....

Fashion-Tech Educational activities:

3.1 Which educational activities would you be interested in setting up with the partners of the FTall Consortium in the upcoming years?

- Participating to MSCA Doctoral Networks 2022 call to set international / interdisciplinary doctoral consortium programmes on Fashion-tech education ([link](#))

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Continuing the collaborative digital learning experiences at MA level with two or more HEIs and Companies

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Implementing the Fashion-Tech Curriculum at your University into the existing Master study programme

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Repeating residency programmes co-lead by two or more HEIs and Companies.

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Establishing a Fashion-tech teaching experts’ network

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Reusing the learning tools, approaches and methodology in different disciplines, contexts and situations

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Continuing/setting the involvement of company staff into teaching

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Continuing students exchanges in partner Companies to benefit from company innovation spaces, facilities, and equipment and to work on concrete projects and products

Not interested at all – Not interested – Neutral – Interested – Extremely interested

3.2 Are there any other educational activity that you are interested in setting up as a continuation of the FTalliance project in the upcoming years. If yes, please specify:



3.3 Please, for the educational activities you are interested in, specify when you would be interested in implementing them between short, medium, long term timeframe?

Educational activities	Short term	Medium terms	Long terms	NA
Participating to MSCA Doctoral Networks 2022 call to set international / interdisciplinary doctoral consortium programmes on Fashion-tech education				
Continuing the collaborative digital learning experiences at MA level with two or more HEIs and Companies				
Implementing the Fashion-Tech Curriculum at your University into the existing Master study programme				

Repeating residency programmes co-lead by two or more HEIs and Companies.				
Establishing a Fashion-tech teaching experts' network				
Reusing the learning tools, approaches and methodology in different disciplines, contexts and situations				
Continuing/setting the involvement of company staff into teaching				
Continuing students exchanges in partner Companies to benefit from company innovation spaces, facilities, and equipment and to work on concrete projects and products				

3.4 Please pick the one you are more interested in and explain how you would like to implement it. Please specify modality and your contribution/role in the activity set-up and implementation.

.....

3.5 Please can you share which are your motivations?

.....

3.6 Which are the main constraints in **organisational terms** (e.g. schedule) you think may limit the continuation and exploitation of the educational activity you are more interested in?

.....

3.7 Which are the main constraints in **instructional terms** (e.g. course contents) you think may limit the continuation and exploitation of the educational activity you are more interested in?

.....

3.8 Which are the main **opportunities/benefits/advantages** to be seized for the continuation and exploitation of the educational activity you are more interested in?

.....

3.9 Which are the main **limitations/problems** foreseen for the continuation and exploitation of the educational activity you are more interested in?

.....

Fashion-tech networking activities

Sustainability activities should ensure that the Alliance is efficient for target groups and possibly be transferred to other contexts. Increasing the quantity of partners outside the Consortium is an important activity to rise interest and visibility of FTalliance activities (communication, dissemination), multiplication of processes and results (educational and research), along with the possibility to expand the FTAlliance scopes beyond the project's lifetime toward the continuation of the alliance. The following part of the questionnaire aims at understanding which and how this expansion of the network can be done.

4.1 Which FT networking activities would you be interested in setting up with the partners of the FTall Consortium in the upcoming years?

- **Setting an expert network for the replication and adaptation of learning models in other HEIs**
Not interested at all – Not interested – Neutral – Interested – Extremely interested
- **Establishing a platform for knowledge sharing and trainers’ professional development**
Not interested at all – Not interested – Neutral – Interested – Extremely interested
- **Multiplicating, attracting and engaging other institutions in the use and provision of learning resources, tools and methodologies**
Not interested at all – Not interested – Neutral – Interested – Extremely interested
- **Mainstreaming results into local, national, and European provision.**

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Transferring results of programmes and initiatives to decision-makers at local, regional, national, and European level.

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- **Organizing innovation events related to the Fashion-Tech companies and related innovation communities.**

Not interested at all – Not interested – Neutral – Interested – Extremely interested

- Working on the qualification and job profiles adopted by HRs and placements.

Not interested at all – Not interested – Neutral – Interested – Extremely interested

4.2 Are there any other networking activity that you are interested in setting up as a continuation of the FTalliance project in the upcoming years. If yes, please specify:



4.3 Please, for the networking activities you are interested in, specify when you would be interested in implementing them between short, medium, long term timeframe?

Networking activities	Now	Short term	Medium terms	Long terms	NA
Setting an expert network for the replication and adaptation of learning models in other HEIs					
Establishing a platform for knowledge sharing and trainers’ professional development					
Attracting and engaging other institutions in the use and provision of learning resources, tools and methodologies					

Mainstreaming results into local, national, and European provision					
Transferring results of programmes and initiatives to decision-makers at local, regional, national, and European level					
Organizing innovation events related to the Fashion-Tech companies and related innovation communities					
Working on the qualification and job profiles adopted by HRs and placements					
Other activities. Please specify					

4.4 Please pick the networking activity you are more interested in and explain how you would like to implement it. Please specify modality and your contribution/role in the activity set-up and implementation.

.....

4.5 Please can you share which are your motivations?

.....

4.6 Which are the main constraints in **organisational terms** (e.g. schedule) you think may limit the continuation and exploitation of the networking activity you are more interested in?

.....

4.7 Which are the main constraints in **instructional terms** (e.g. course contents) you think may limit the continuation and exploitation of the networking activity you are more interested in?

.....

4.8 Which are the main **opportunities/benefits/advantages** to be seized for the continuation and exploitation of the networking activity you are more interested in?

.....

4.9 Which are the main **limitations/problems** foreseen for the continuation and exploitation of the networking activity you are more interested in?

.....

4.10 Can you please provide a list of partners that you think can be potentially reached and involved in the FTalliance network, indicating their typology, the reason why they could be involved (envisioned aim) and the timing and activities they might be taking. Please also list the way they can be contacts (if you have a direct contact to share or you want to invite directly).

Partner	Partner typology	Engagement Level	Envisioned aim	Timing of the	Activities of the project	Contact
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g. extended name)	g. HEIs, Company, Policy maker, etc.)	g. Local, regional, national, international)	g. to replicate, to transfer the educational and research FTalliance approaches and results, to communicate/disseminate, to scale-up, etc.)	project Please specify which activities)	Please specify which activities)	g. sharing contact / direct invitation)

Part 3: Exploitation of specific results (tools, methodologies, lectures, etc)

In this section, we kindly ask you to think about ways in which the specific results, tools, methodologies, lectures we have created at this moment (from WP1 and WP2) can be further exploited in the upcoming activities of the FTalliance project.

The toolkit to organize the digital-collaborative learning experience

(https://fashiontechalliance.eu/images/reports-and-publications/D2_1_Project_based_Learning_Modules.pdf)

The toolkit to organize the digital-collaborative learning experience includes a series of tools such as the matrix of Contents, Matrix of Academic timing and logistics, Organizational course sheet, Theoretical Pillars Structure Definition, Learning outcomes Document, and Syllabus Format. Please select the tools you think more interesting to be exploited in the future set-up of digital-collaborative learning experiences and explain the reason why.

Toolkit to organize the digital-collaborative learning experience	Exploitation in further educational activities	NA
Matrix of Contents		
Matrix of Academic timing and logistics		
Organizational course sheet		
Theoretical Pillars Structure Definition		
Learning outcomes Document		
Syllabus Format		

Toolkit to aid the theoretical part of the course:

This toolkit includes a Lecture Format, Instructions filming guidelines, Multiple choice questionnaire format, Video Lesson Script format, Bibliography Guidelines, and Bibliography Format. Please select the tools you think more interesting to be exploited in the future set-up of digital-collaborative learning experiences and explain the reason why.

Toolkit to aid the theoretical part of the course:	Exploitation in further educational activities	NA
Lecture Format		
Instructions filming guidelines		
Multiple choice questionnaire format		
Video Lesson Script format		
Bibliography Guidelines		
Bibliography Format		
Videlectures and Open Educational Resources		

Toolkit to aid the challenge based part

Toolkit to aid the challenge based part	Exploitation in further educational activities	NA

Collaborative digital board		
Final Report Format		

Educational models

With educational models, we are talking about the following Educational Model Guidelines proposed by FTalliance (see <https://fashiontechalliance.eu/en/the-project/main-goals>): Learning Flexibility, From multidisciplinary to interdisciplinary learning, Interaction and engagement, Common glossary definition, Companies involvement, Real world challenges, Personalized learning, and Openness.

- Please indicate your opinion on which of the educational models are at this moment ready to be exploited in future FTalliance activities:

- Please indicate your opinion on which of the educational models require more finetuning before they can be exploited in future FTalliance activities:

Fashion-tech Job profiles

With fashion-tech job profiles, we are talking about the 8 job profiles/roles and associated skills/competences extrapolated from the 8 future job families (with 50 job roles) identified by the FTalliance project (Interdisciplinary, Design, Omnichannel and E-commerce, Sustainability, Product Innovation and Entrepreneurship, Data Analysis, Management and Governance, Policy Making, Manufacturing) proposed by FTalliance (see https://fashiontechalliance.eu/images/reports-and-publications/D13_FASHION-TECH_JOB_PROFILES_PORTFOLIO.pdf).

- Please provide your opinion on how this result could be exploited and deepen in future FTalliance activities:

Partners' portfolio

(<https://fashiontechalliance.eu/en/open-resources/partner-portfolios>)

- Please provide your opinion on how this result could be exploited and deepen in future FTalliance activities:
