



Technology Hub



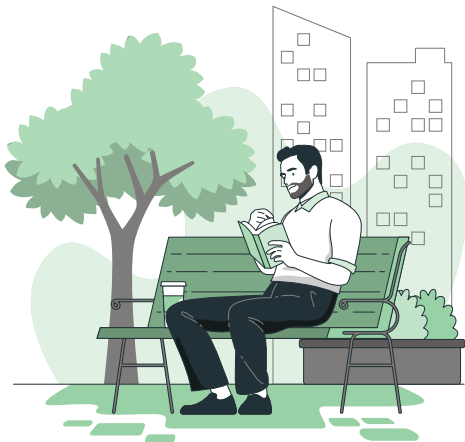
Website

ABOUT US

Innov8 Hub is a not-for-profit, non governmental organisation, with a **MISSION** to inculcate the culture and instigate the process of innovation, creativity, entrepreneurship and venture creation; as well a **VISION** to enhance socio-economic growth and human capital development in Nigeria and beyond; through innovation, creativity, entrepreneurship, capacity building and venture creation.

Innov8 is a focal point for innovation, start-up incubation, venture creation, technology transfer, knowledge and skill impartation, prototype development and capacity building.

Through different programs and initiatives, we bring together brilliant minds and gifted hands, and provide them access to mentoring, expertise, network, enabling environment, cutting-edge technology and facilities needed to make their dreams come alive.





EXPERTISE

Innovation : We aid individuals in transforming their ideas into invention, solution and enterprise.

Venture Creation/Start-up Incubation: The Hub is a platform for start-ups to incubate, and for entrepreneurs to accelerate their ventures, and for start-ups to incubate for investment and growth.

Mentorship: Our experts are available to guide, mentor and support innovators, entrepreneurs and venture-creators.

Research & Development/Prototyping: At Innov8, we support organisations and individuals seeking new ways of doing things, and improving on existing innovations.

Human Capital Development: Innov8 offers capacity building courses in several fields of expertise. This training imparts beneficiaries with knowledge and skills, as well as strategic direction needed for self-development and sustainability.

PARTNERS

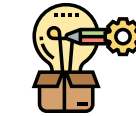
Our partners are visionary organizations and institutions that share our passion for pushing the boundaries.

They represent a diverse spectrum of organizations. Each partner brings a unique perspective, expertise, and experience to the table, enriching the collective resource pool of the Hub.

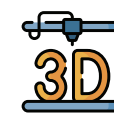


FACILITIES

Innov8 Hub is where ideas come alive through a vibrant ecosystem of cutting-edge facilities and collaborative departments, including Impact Labs for experimentation, Venture-creation spaces, Multimedia communication studio, and Learning system for skill enhancement.



Product Design Lab



3D Printing Lab



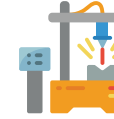
Electronics Lab



Sustainable Energy Lab



Software Lab



Laser Technology Lab



Bio-Technology Lab



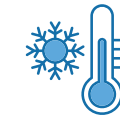
Virtual Reality & Simulation Lab



Autotronics & Mechatronics Lab



Integrated & Sustainable Development Farm



AC & Refrigeration Lab



CNC Workshop



Textile & Fashion Design Workshop



Ceramics & Pottery Workshop



Upcycling & Recycling Workshop



Leathercraft Workshop



Woodwork Workshop



Metalwork Workshop



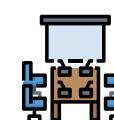
Heavy Fabrication Workshop



Embedded Systems & Coding Lab



Creative Media Studio



Conference Rooms



Auditorium



Showroom

PRODUCT DESIGN LAB

Discover innovation in action at the Product Design Lab. This dynamic space is where ideas evolve into tangible solutions, blending creativity with technical expertise. Our Product Design Lab is equipped with state-of-the-art tools and technologies, empowering designers, engineers, and visionaries to bring various concepts to life.

From concept sketching to rapid prototyping, this lab serves as a launchpad for groundbreaking products that will shape industries and redefine user experiences. We collaborate with multidisciplinary teams, harness cutting-edge software, and leverage advanced fabrication equipment to turn your imagination into reality.



3D PRINTING LAB

The 3D Lab is a space where imagination is given form, and ideas materialize into tangibility with stunning detail. Our 3D Lab is a haven for innovators, designers, and engineers who seek to transform concepts into three-dimensional reality.

Equipped with cutting-edge 3D printing technology and an array of digital sculpting tools, the 3D Lab opens up boundless possibilities for rapid prototyping, intricate modeling, and precise manufacturing. From idea fragmentation to masterpieces, this space is where innovation and craftsmanship converge.



SUSTAINABLE ENERGY LAB

The Sustainable Energy Lab, where innovation meets sustainability head-on. In a world driven by the urgent need for cleaner, more efficient energy solutions, this lab serves as a nucleus of transformative ideas and groundbreaking discoveries.

Our Sustainable Energy Lab is a collaborative haven for engineers, researchers, and visionaries committed to shaping a greener future. Equipped with cutting-edge technology, demonstrators and simulators, this space empowers innovators to understand, experiment and refine sustainable energy solutions.



AUTOTRONICS LAB

At the Autotronics Lab, a convergence of automotive enthusiasts, and innovative engineers, takes place, all dedicated to optimising the driving experience.

Here, you'll find diagnostic tools, advanced electronic testing systems, and vehicle prototyping setups at your disposal. This lab serves as a melting pot for crafting smarter, more efficient, and safer vehicles.



WOOD WORKSHOP

Step into the world of craftsmanship and creativity. Here, the timeless art of woodworking merges with modern innovation, bringing to life exquisite creations that blend both form and function.

This workshop is a haven for artisans, designers, and woodworking enthusiasts. With an array of precision tools and top-tier equipment, this space empowers creators and technicians to transform wood into intricate pieces of art, functional furniture, and architectural marvels.



METAL WORKSHOP

At our Metal Workshop, the artistry of metal crafting takes center stage. This is where metals are fabricated into functional pieces, and creativity takes shape through the mastery of metal.

Here, creators, designers, and metal enthusiasts converge to explore the endless possibilities within this versatile medium. Boasting of state-of-the-art equipment, precision tools, and special attention to craftsmanship, the possibilities here are limitless.



RAC LAB

The Refrigeration & Air Conditioning Lab is a dynamic workstation where the mechanism behind are dissected for better understanding and improvement, with the aid of simulators and demonstrators. With modern equipment and simulation tools, this lab empowers innovators to develop RAC systems and devices.

Whether you're reimagining refrigerants, optimizing cooling algorithms, or crafting smart HVAC systems, the AC & Refrigeration Lab offers the perfect setting to explore the frontiers of cooling technology. This is where breakthroughs are born and sustainable solutions are nurtured.



ECO LAB

EcoLab is a dedicated sustainability innovation lab within Innov8 Hub, focused on tackling environmental challenges through upcycling, recycling, sustainable architecture, advanced materials, and circular economy principles. It serves as a hands-on space for research, collaboration, and innovation—transforming ideas into impactful ecological solutions.

We create value from waste and build the capacity of individuals to create items of value and beauty out of waste materials, using modern technology and techniques.



UPCYCLING & RECYCLING WORKSHOP

At the Upcycling & Recycling Workshop, innovation breathes new life into waste materials. This workshop is a haven for creatives, environmental enthusiasts, and makers.

In this workshop, waste items find a second chance as they're repurposed into functional and valuable items, art pieces, furniture and more. This space is a playground for those who seek to reimagine waste as valuable resources.



TEXTILE & FASHION DESIGN WORKSHOP

In the Textile & Fashion Design Workshop, designers, artists, and visionaries collaborate to elevate aesthetics in fashion and designing. Equipped to demands, this space equipment, this workshop allows for experimentation through traditional techniques and digital practices.

In addition to textile designing and sewing, we also do tie & dye.



CERAMICS & POTTERY WORKSHOP

The Ceramics and Pottery workshop takes you into the world of vocation and artistry at the Ceramics & Pottery Workshop. Here, clay becomes a medium of expression. Traditional pottery process intertwines with modern technology to create unique and timeless pieces.

Our ceramics and pottery workshop is one of the few pottery spaces in Nigeria where 3D printing technology is used for pottery; Which allows for a perfect blend of innovation and technology into ceramics and pottery.



MECHATRONICS LAB

At the Mechatronics Lab, engineers and experts explore the dynamics of optimising the automated manufacturing and industrial experience, through diagnostic tools, with advanced demonstrators and simulators.

The mechatronics lab is a place for training and capacity building.



ELECTRONICS LAB

At the Electronics Lab, Innov8 experts offer appropriate recommendations and prescriptions for electronic needs of various projects and prototypes developed at the Hub.



LASER TECHNOLOGY LAB

This is a space where light transforms into a powerful tool, shaping materials with incredible precision and enabling groundbreaking innovations.

In the Laser Technology Lab, engineers, researchers, and creators delve into the world of lasers, harnessing their focused energy to cut, engrave, and shape various materials. Equipped with state-of-the-art laser systems, this lab provides a playground for those who seek to push the boundaries of what's achievable.

Whether you're crafting intricate designs, exploring additive manufacturing, or conducting advanced material processing, the Laser Technology Lab offers the resources and expertise to bring your ideas to life with unparalleled precision.



CNC WORKSHOP

This space is dedicated to those who are passionate about bringing digital designs to life with unparalleled accuracy.

In this Workshop, Computer Numerical Control (CNC) machines are the tools of transformation, that allow you to shape different materials into intricate designs and prototypes. Equipped with cutting-edge systems, this lab empowers you to explore the art of subtractive manufacturing with utmost precision.

Whether you are carving patterns, machining complex parts, or exploring rapid prototyping, the CNC Workshop provides the environment, resources and experts you need.



HEAVY FABRICATION WORKSHOP

In the Fabrication Workshop, you'll find an array of tools and equipment, from laser cutters to welding machines, that empower you to craft prototypes, build intricate models, and bring your designs to life.

The Fabrication Workshop provides the environment and resources to explore, experiment, and iterate.



EMBEDDED SYSTEMS & CODING LAB

In the Robotics & Coding Lab, curious minds of all ages delve into the art of coding and the magic of robotics. Equipped with state-of-the-art kits, software, and hands-on tools, this lab is the perfect space for aspiring programmers, engineers, and tech enthusiasts.

Whether you're coding your first lines, building intelligent robots, or exploring the infinite possibilities of automation, the Robotics & Coding Lab offers an environment where innovation is brought to life through lines of code and mechanical motion.



BIO-TECHNOLOGY LAB

In the Bio-Technology Lab, science and innovation come together to unlock the mysteries of life through advanced biotechnological tools and techniques. This lab provides the perfect environment for exploring the frontiers of biological innovation.

Whether you're pioneering sustainable agricultural solutions, the Bio-Technology Lab offers the resources and expertise to transform your ideas into tangible advancements.



SHOWROOMS

The Showrooms are spaces that bring together the remarkable outcomes of our various programs and initiatives, offering a glimpse into the future shaped by technology, craftsmanship, and visionary thinking.



CREATIVE MEDIA STUDIO

The Wole Soyinka Creative Media Studio, is a space where multimedia thrives. Here, talented creators, designers, and storytellers harness the power of video, audio, and visual arts to convey ideas, emotions, and narratives that resonate.

The Studio provides the ideal environment for merging creativity with technology. It's a space where innovation intersects with artistry to ignite connections and inspire change.



CONFERENCE Rooms

Equipped with modern amenities, and facilities for virtual interaction.

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AUDITORIUM

Innov8 Hub's Auditorium is a testament to our commitment to providing a platform for meaningful discourse. With state-of-the-art audiovisual equipment, comfortable seating, and a captivating ambiance, this space is designed to captivate audiences and facilitate impactful presentations, seminars, panel discussions, and more.



LEATHERCRAFT WORKSHOP

In the Leathercraft Workshop, artisans, designers, and creative minds converge to create functional and artistic leather goods. With an array of tools and materials at your fingertips, this space offers the perfect environment to hone your skills, experiment with techniques, and breathe life into your leather creations.

The Leathercraft Workshop provides the space to explore the rich world of leatherwork and bring your artistic visions to life.



SOFTWARE LAB

The Software Lab at Innov8 Hub is a space for coding, experimentation, and technological advancement. Equipped with state-of-the-art hardware and software resources, this lab provides an environment where software engineers can dive deep into coding, testing, and refining digital products and services.

Whether you are developing groundbreaking applications, optimizing algorithms, or pioneering the next generation of user experiences, the Software Lab offers the tools and expertise to bring your software dreams to life.



VIRTUAL REALITY & SIMULATION LAB

The Simulation Lab is responsible for creating advanced 3D visualizations and animations for projects developed within the Hub. Utilizing cutting-edge technologies, the lab specializes in Animated Videos, Virtual Reality (VR), and Extended Reality (XR) to provide immersive and detailed visual experiences.

In addition to its primary focus, the lab also supports drone and robotics simulations, ensuring a comprehensive approach to product development and innovation.





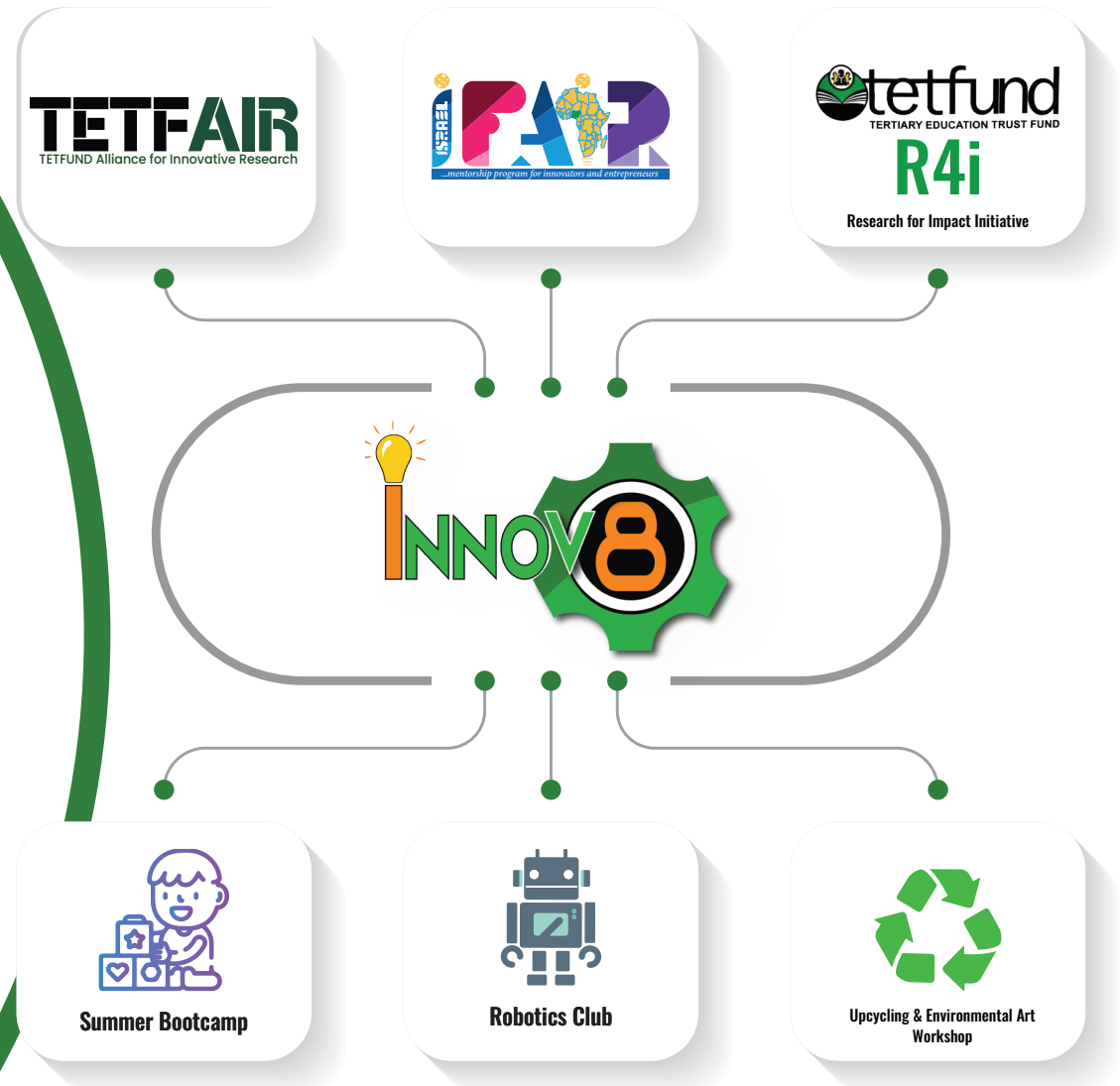
THE ARENA

Our co-working arena fosters interaction, collaboration, brainstorming, exhibition, and networking among staff members, visitors and associates of the Hub.

PROGRAMS & INITIATIVES

At Innov8 Hub, our commitment to innovation extends beyond just physical spaces. We are a thriving ecosystem that nurtures innovation, research, and venture creation through a range of carefully crafted programs and initiatives. These initiatives form the backbone of our mission to drive innovation and venture creation across various disciplines and industries.

Our programs are designed to cater to a diverse spectrum of interests and expertise. From tech enthusiasts and entrepreneurs to artists and scientists, we have initiatives that cater to every passion. Whether it's our Robotics & Coding Lab inspiring the engineers of tomorrow, each program reflects our dedication to pushing the boundaries of what is possible.



TETFund Alliance for Innovative Research (TETFAIR) is an initiative of the Tertiary Education Trust Fund, in collaboration with Innov8 Hub. It is a year-long programme for Academics, Researchers, Technologists and Innovators from Government Tertiary Institutions across Nigeria, who have ideas/projects they want to translate into innovation, solution and enterprise.

Participants can apply in Teams (1-3 persons per team). After rigorous evaluation by experts, Successful Teams would be selected based on the innovativeness, viability and tangibility of their ideas.

During the programme, participants will be taken through various courses that combine the intricacies, processes, and procedures of Innovation Development, Prototyping and Venture Creation.



The Science Granting Councils Initiative (SGCI) is a multi-funder initiative aimed at strengthening the capacities of 17 Science Granting Councils (SGCs) in sub-Saharan Africa. These councils contribute significantly towards strengthening national research and innovation ecosystems in their respective countries. The goal is mainly achieved through funding mechanisms that involve competitive calls for proposals targeting research and innovation projects. Alongside this mandate, the councils also collect and manage data for monitoring and evaluating the funded projects.

Following the successful implementation of the Research for Impact Initiative (RAI) under the auspices of TETFund - A member of the SGC, four teams were shortlisted to advance their ideas through a collaborative research grant established under the Science Granting Councils (SGCs) with Innov8 Technology Hub as the technical partner.

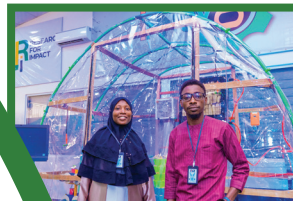




i-FAIR is an initiative of the Embassy of the State of Israel in Nigeria in collaboration with Innov8 Hub. It offers a 6-month comprehensive Venture Creation, Innovation, and Technology Development Program for Nigerian entrepreneurs, startups, innovators, and inventors. With a focus on addressing local challenges through innovative solutions, i-FAIR provides participants with essential resources and support to transform their concepts into sustainable ventures; for the overall goal of job creation, economy growth and national development.

3 successful editions of i-FAIR have been implemented, resulting in the participation of 88 Fellows and the development of 68 products. This accomplishment was made possible through over 2,000 mentorship hours, supporting over 120 ideas and witnessing inspiring success stories of i-FAIR Fellows who have transformed their ideas into ventures such as Soilless Farm Labs, Quadloop Africa, EpochZero, Eco Circular Solution and Thinkbike.

The uniqueness of i-FAIR lies in the collaboration with Innov8 Hub. i-FAIR is committed to supporting innovation and empowering aspiring entrepreneurs in Nigeria, to transform their ideas into viable solutions and sustainable ventures



The Academic Solutions Incubation Program (ASIP) is a 60-day hybrid incubation initiative designed to support past project teams who were beneficiaries of the TETFAIR program. ASIP enables innovators from public tertiary institutions in Nigeria to refine and advance their academic research outputs into market-iterated, advanced MVPs that are both market-ready and community-responsive.

A core feature of the program includes an industry expert review of existing MVPs, where professionals from relevant sectors assess each prototype's functionality, commercial potential, and alignment with real-world needs. Insights gathered from this review—combined with early-stage user testing and product-market fit assessments—guide the development of version 2 MVPs, positioning each team for market traction and scalability.



The Transformative Innovation Workshop (TIW) is a dynamic capacity-building program designed to equip lecturers from tertiary institutions with the skills and mindset to become innovation champions.

Participants engaged in interdisciplinary and cross-sector collaborative research, working alongside innovators, industry experts, and government stakeholders. Through this partnership model, they co-developed real-world solutions to community-based challenges identified through their own field research.



The Research for Impact initiative provides insight into solution-driven innovative research and development processes and procedures. Participants are engaged in a 11 day experience through series of engagements. This hands-on capacity building program is centered around research for impact, innovation management, value addition and venture creation.

Methodology

- Research for innovation empathy research and problem exploration
- Problem Definition
- Ideation testing
- Prototyping
- Making the case
- Growing and Scaling innovation – Fundraising, Feasibility plan, Business incubation
- Prototype Pitching

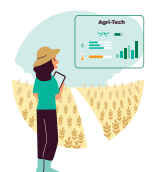
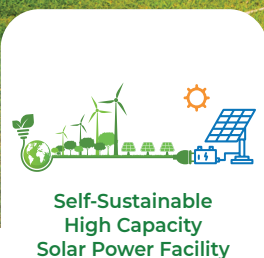


INCUB8

This program is specifically designed for Innov8 hub's Alumni who have developed Minimum Viable Products (MVPs) with strong potential to become groundbreaking, innovative enterprises. While these MVPs demonstrate promise, they often require further development and structured support to scale effectively into production-ready solutions. The program focuses on preparing these ventures for the next critical stages which could include either commercialization, investment, or acquisition by providing the resources and guidance necessary for sustainable growth.

Participants of Incub8 benefit from a comprehensive support system aimed at transforming their MVPs into market-ready products. This includes access to a mini production line for manufacturing, dedicated office spaces, and assistance in navigating business regulations and administrative processes.





Agric Technique &
Irrigation System
for Higher Yield



Access to Health Care
(Telemedicine)



Reduction in
Rural-Urban Migration



Access to Education
(E-Learning)



This model addresses SDGs: 1, 2, 3, 4, 6, 7, 8, 11, 12, 13



UPCYCLING/JUNK METAL ART



ECO MART



