





Template for Evidence(s) UI GreenMetric Questionnaire

University : Gebze Technical University
 Country : Turkiye
 Web Address : www.gtu.edu.tr

[6] Education & Research

[16] Number of sustainability-related startups

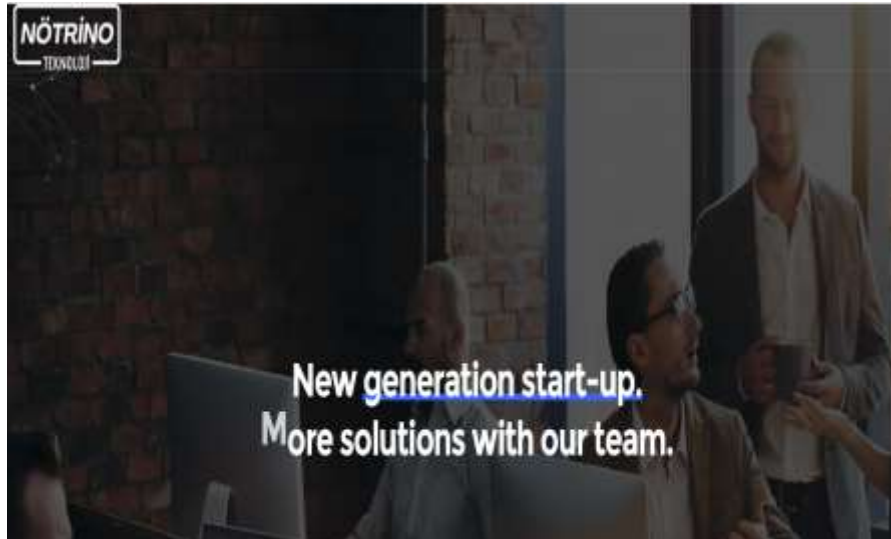
| No. | Information |
|-----|--|
| 1 | <p>Startup name: Agriverts Smart Agriculture Technologies Inc. Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): <u>EC</u> URL: https://agriverts.com/ Date establish: 2022 Income: 2-3 million USD Revenue: 3-4 million USD Employees: 25-30 Description: Agriverts facilitate urban farming, enhance agricultural productivity, and build a sustainable future by bringing together experts, plants, and data with technology. Aim is to increase food production in cities and empower local communities to meet their own needs.</p>  <p>Photos:</p> |
| 2 | <p>Startup name: Kozar Simulation Research And Development Biotechnology Software Trading CO.</p> |

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| | <p>Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): <u>ED</u> URL: https://www.linkedin.com/company/kozarscience/about/ Description: Augmented reality and virtual reality applications. Using the latest technologies to transform customer experiences, redefine training processes and optimize business efficiency. Date establish: 2019 Income: 100-150 thousand USD Revenue: 130-180 thousand USD Employees:2-10</p>  <p>Photos:</p> |
| 3 | <p>Startup name: Nanotego Nano Technological Products Research And Development Chemical Industry And Trade Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): <u>ED</u> URL: https://www.linkedin.com/company/antimic/?originalSubdomain=tr https://www.antimic.com.tr/hakkimizda/ Date establish: 2010 Income: 150-170 thousand USD Revenue: 160-200 thousand USD Employees:2-10 Description: Nanotego Nano Technological Products Research And Development Chemical Industry and Trade was established in early 2010 with the partnership of its founding partner Inovent A.Ş. (Turkey's first technology commercialization company founded by Sabancı University in 2006) and Sabancı University faculty members. Our product Antimic® is a powerful antimicrobial protective agent compared to other disinfectant products. It forms colorless, odorless nano-sized shields on the applied surfaces. These shields prevent microorganisms such as bacteria, viruses, algae, and fungi from adhering to the applied surfaces and maintain their effectiveness for a long time, thus stopping the proliferation of microorganisms.</p>   <p>Photos:</p> |
| 4 | <p>Startup name: Neutrino Technology Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): <u>ED</u> URL: http://notrinoteknoloji.com/ https://www.linkedin.com/company/notrino/ Date establish: 2022 Income: 50-80 thousand USD</p> |

Revenue: 70-100 thousand USD

Employees:4

Description: Neutrino Technology is a start-up company established to develop sector-specific software aimed at facilitating the lives of many employees and workplaces lost among software complexities. It focuses on various R&D projects targeting the USA and Turkey. The company will actively utilize new technological applications, particularly in Artificial Intelligence and Image Processing Technologies, in its software solutions.



Photos:

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Startup name: Hyperion Advanced Technology

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): EC

URL: <https://www.hyperionadvancedtech.com/>

Date establish: 2023

Income: 200-250 thousand USD

Revenue: 240-290 thousand USD

Employees:5

Description: Manufacture of devices related to irradiation, electromedical and electrotherapy (electrocardiograph, hearing aid, radiology equipment, X-ray equipment, devices based on the use of X, Alpha, Beta, Gamma, ultraviolet and infrared rays etc.



Photos:

6

Startup name: Arslan Farm Food

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): WS

URL: <https://www.farmhood.co/en/hakkimizda-2>

Description: Processing and storage of fruits and vegetables not elsewhere classified by other methods (including cut and packaged)

Date establish: 2019

Income: 175-220 thousand USD

Revenue: 190-245 thousand USD

Employees:5



Photos:

7

Startup name: Galata Innovation Consultancy

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED

URL: <https://www.galatainnovation.com/>

Description: Other professional, scientific and technical activities not elsewhere classified (environmental consultancy, safety consultancy, consultancy services provided by mathematicians, statisticians, agronomists etc., patent brokerage etc.)

Date establish: 2022

Income: 120-160 thousand USD

Revenue: 140-180 thousand USD

Employees:3



Photos:

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Startup name: Nordik Cosmetic And Herbal Products

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED

URL: <https://www.nordikaromaterapi.com/>

Date establish: 2021

Income: 100-150 thousand USD

Revenue: 130-170 thousand USD

Employees:2

Description: Other research and development activities related to natural sciences and engineering (including agricultural research).



Photos:

- 9 **Startup name:** Cellestetix Genetic Consultancy, Research And Development And Biotechnology
Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED
URL: <https://www.linkedin.com/in/cellestetix-biotechnology-research-and-development-8036b7205/?originalSubdomain=tr>
Date establish: 2021
Income: 100-140 thousand USD
Revenue: 110-160 thousand USD
Employees:4
Description: Research and experimental development activities related to biotechnology



Photos:

- 10 **Startup name:** Soilbiom Biotechnology Research And Development
Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED
URL: <https://soilbiom.com/>
Date Establish: 2023
Income: 70-110 thousand USD
Revenue: 90-130 thousand USD
Employees:1

Description: It offers innovative biological solutions to food, chemical and textile companies processing agricultural raw materials. Our customized microbial and organic fertilizers for plant nutrition and protection aim to increase productivity, reduce costs and support restorative agriculture.



Photos:

11 **Startup name:** NG Biotechnology Limited Company
Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): WS
URL: <https://www.ngbiyoteknoloji.com/>

Date establish: 2014
Income: 110-160 thousand USD
Revenue: 120-170 thousand USD
Employees: 1

Description: Priority areas of work include the development and production of agricultural biopesticides, organic biocidal public health medicines and bacterial cultures to remove persistent organic pollutants from nature.



Photos:

12 **Startup name:** Cellformatics Biotechnology
Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED
URL: https://www.linkedin.com/company/cellformatics/?trk=ppro_cprof&originalSubdomain=tr

Date establish: 2022
Income: 120-155 thousand USD
Revenue: 130-165 thousand USD
Employees: 3

Description: Research and experimental development activities related to biotechnology



Photos:

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Startup name: Optofil Optical And Electronic Design

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED

URL: <https://www.linkedin.com/company/optofil/?originalSubdomain=tr> <https://optofil.com.tr/>

Description: Manufacture of objective lenses, polarizing material in sheets and plates, color filters, optical lenses, prisms, mirrors and other optical elements, binoculars, optical microscopes, optical telescopes and other astronomical instruments and their parts and components. **Optofil is the research partner to track ELISA based monitoring activities of the enviromental toxicities.**

<https://gebzelab.gtu.edu.tr/Gebzelab/biyoteknoloji>

Date establish: 2017

Income: 140-195 thousand USD

Revenue: 170-220 thousand USD

Employees:8



OPTOFIL

Photos:

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Startup name: VAHAA

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED

URL: <https://www.vahaa.co/>

Description: GTU Inst of Biotechnology researchers invented the aquaponic plant growth chamber for different purposes. It aims to promote healthier lifestyles by enabling individuals to grow their own fresh and nutritious food at home. By improving urban farming practices and reducing food waste, it prioritizes creating sustainable communities that prioritize environmental stewardship and contribute to a greener future.

Date establish: 2020

Income: 160-225 thousand USD

Revenue: 170-240 thousand USD

Employees:7



Photos:

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Startup name: Plant Factory

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED

URL: <https://plantfactory.company/>

<https://www.gtu.edu.tr/icerik/8/10616/display.aspx>

Description: GTU Inst of Biotechnology researchers invented an industrial approach for vertical farming with Plant Factory

Date establish: 2014

Income: 460-585 thousand USD

Revenue: 490-625 thousand USD

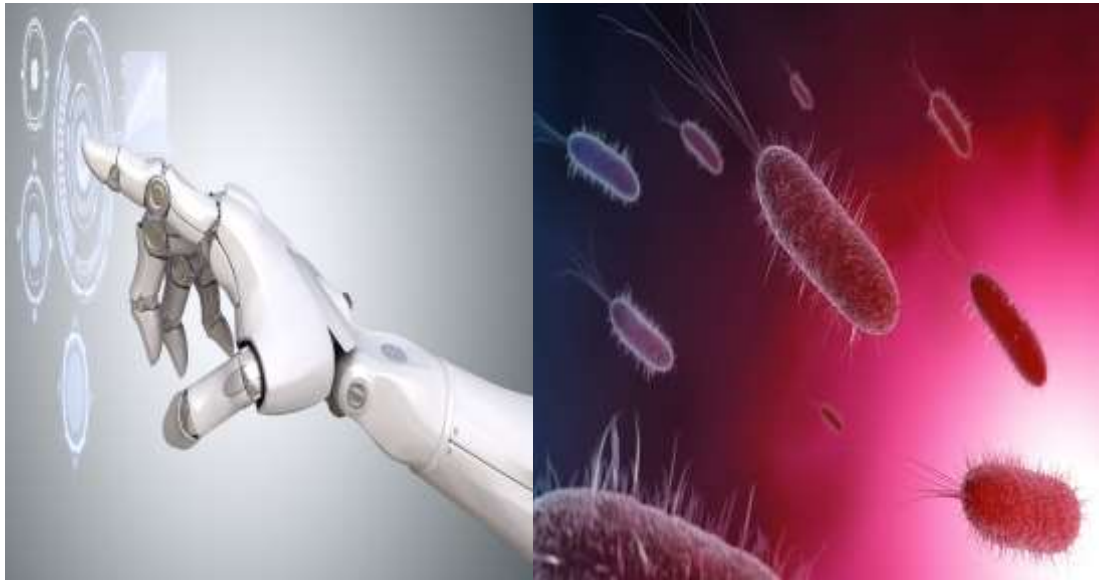
Employees:10



Photos:



- 16 **Startup name:** Phitech
Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED
URL: <https://phitech.bio/>
<https://www.gtu.edu.tr/icerik/8/5126/display.aspx>
Description: Personalized health solutions
Date establish: 2013
Income: 660-785 thousand USD
Revenue: 740-885 thousand USD
Employees:50



Photos:

- 17 **Startup name:** Pyrosoft
Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED
URL:https://pyrosoft.com.tr/?srsltid=AfmBOoqvG3VbkTi897zZWZ9Aug5EMGb7jDy7E9uxfzydDxy_m7zwa1F6
<https://www.gtu.edu.tr/en/icerik/2839/18753/display.aspx>
Description: Personalized health solutions based on natural immunotherapies
Income: 760-785 thousand USD
Revenue: 850-985 thousand USD
Employees:200



Photos:

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|----|---|
| 18 | <p>Startup name: Maes Environment Energy Research And Consultancy Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): <u>ED</u> URL: https://mesut-tekbas.webnode.com.tr/ Description: General contracting, real estate development, project management, facility maintenance and insurance. Date establish: 2014 Income: 40-75 thousand USD Revenue: 60-85 thousand USD Employees: 1-5 Photos: Mesut Tekbaş is a founder at Maes and works at Gebze Technical University. https://www.linkedin.com/in/mesut-tekba%C5%9F-5945ba98/?originalSubdomain=tr</p>  |
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| 19 | <p>Startup name: INOGEN Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): <u>EC</u> URL: http://inogen.com.tr/ Description: Inogen is a knowledge-based project company to develop innovative solutions and products in emerging technologies. Date establish: 2005 Income: 100 million USD Revenue: 120-150 million USD Employees: 500 Photos: Prof. Ali Murat Soydan is a founder at Inogen and works as a prof. at Gebze Technical University. https://www.linkedin.com/in/ali-murat-soydan-9ba89b115/?originalSubdomain=tr</p> |
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Description: There are a total of 19 startups related to sustainability. All available data regarding these startups have been processed. The exchange rate is calculated by taking the annual buying-selling average exchange rate of the Central Bank of the Republic of Turkey for 2023. This data regarding the exchange rate is given below.

The dollar exchange rate in 2023 = 23.7651 TL