

### Technical Assistance for Assessment of Türkiye's Potential on Transition to Circular Economy

# **EuropeAid/140562/IH/SER/TR Green Transformation Support Program**

Activity 3.2.4. Training on Integrated Waste Management in Circular Economy

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### PRESENTATION PLAN





# GREEN TRANSFORMATION SUPPORT PROGRAM [Rationale]

National Climate Target 2053 (2021)

By declaring its "2053 net zero emission target", Türkiye became a party to the Paris Agreement in 2021. At the December 2023 COP-28 Summit, decisions were taken to reduce global emissions by 43% by 2030 and to move away from fossil fuels.

Green Reconciliation Action Plan (2021)

Studies will be carried out in line with the green financing target.

12th Development Plan (2024-2028) **Measure 380.6.** Efforts will be made to increase the awareness and knowledge level of the real sector on sustainable finance.

**Measure 427.** Green transformation in the manufacturing industry will be supported and circular and sustainable production practices will be increased.

**Measure 438.1.** Sectoral needs for green and digital transformation will be identified and necessary investments will be encouraged.

Medium-Term Program (2025-2027)

#### **Accelerating the Green Transformation**

Investments aiming low-carbon generation in line with the circular economy approach will be supported under the Green Transformation Support Programme.



# GREEN TRANSFORMATION SUPPORT PROGRAM [Basis and Legislation]

#### Basis

Within the framework of the
Presidential Decree published in the
Official Gazette dated 20 April 2023;
subparagraph (ö) of the first
paragraph of Article 2 of the Decree
No. 3305 on State Aids in
Investments

#### **Legislation**

Communiqué on Green
Transformation Implementation
Procedures and Principles
published in the Official Gazette
dated 26 July 2024 and numbered
32613



# GREEN TRANSFORMATION SUPPORT PROGRAM [Scope]

COMPLEMENTARY and FLEXIBLE





SME + LARGE ENTERPRISES





A GENERAL and CONTINUOUS PROGRAM



SUPPORT WITHIN THE FRAMEWORK OF THE INVESTMENT INCENTIVE SYSTEM



# GREEN TRANSFORMATION SUPPORT PROGRAM [Objective - Support Elements]

#### **OBJECTIVE**

Supporting investments
 that are compatible with
 the circular economy
 approach, conserve
 natural resources,
 contribute to climate and
 sustainability goals, and
 aim for resource-efficient
 and low-carbon production.



#### SCOPE

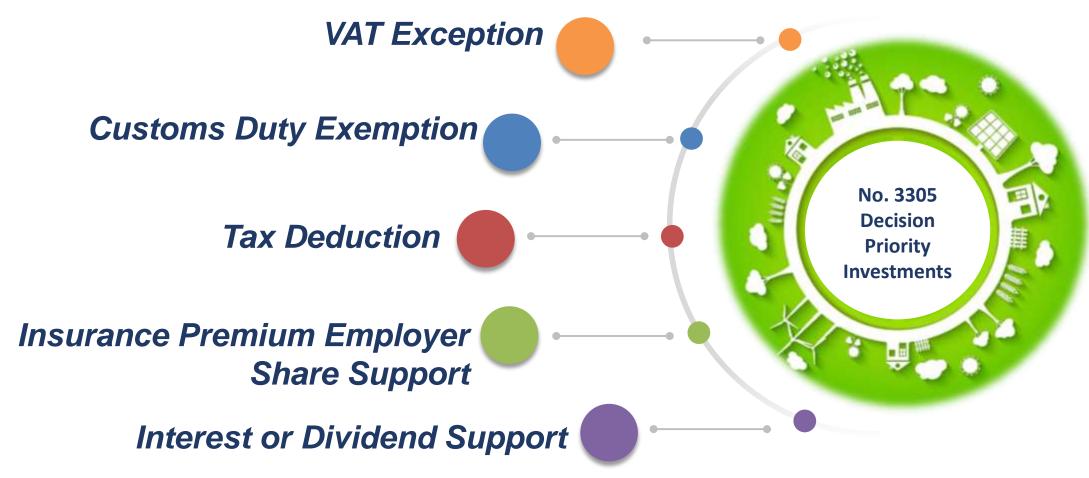
- Capital companies resident in Türkiye (SMEs and Large Enterprises)
- Production facilities and auxiliary units operating in the manufacturing industry
- Decree No. 3305 on State Aids in Investments -Priority Investments -Investment Incentive System

### SUPPORT ELEMENT

 Land-lot procurement, building-construction expenditure, machinery, equipment, technology, software and hardware procurement, measurement, survey, testing and consultancy services for one or more of the green transformation applications



# GREEN TRANSFORMATION SUPPORT PROGRAM [Incentive Elements]



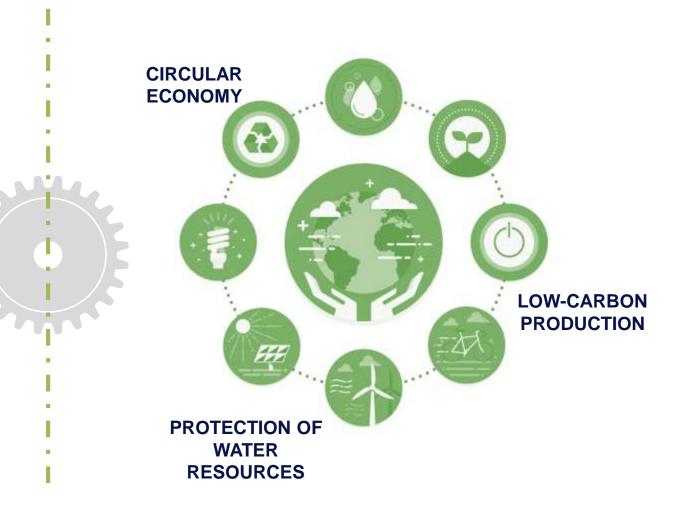


# GREEN TRANSFORMATION SUPPORT PROGRAM [In-Scope and Out-of-Scope Applications]

Complete new investments other than additional new investments to be made to the existing facility are out of scope.

Support is not provided for **R&D** activities for the development or production of technologies and products to be used in the green transformation process.

Activities for the establishment of a renewable energy production facility within the scope of the project can be supported with a separate investment incentive certificate to benefit from regional supports.





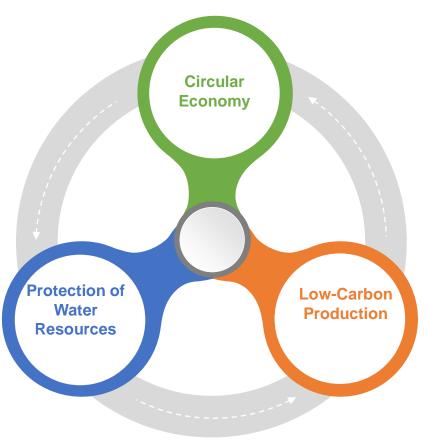
# **GREEN TRANSFORMATION APPLICATIONS**[Examples]

#### **Circular Economy**

- Raw material/material, resource (water, energy, raw material, etc.) saving and efficiency
- Use of technology and equipment, systems and smart solutions for recycling, recovery, reuse, upcycling and waste minimisation
- Utilisation of onsite wastes as inputs
- Reduction of packaging consumption, use of recycled and/or biodegradable packaging

#### **Protection of Water Resources**

- Increasing water efficiency and reducing water footprint
- Prevention and reduction of wastewater pollution load
- Prevention and minimisation of waste water generation
- Reuse of treated wastewater



- Reducing the amount of plastic used
- Substitution of harmful chemicals, use of environmentally friendly/sustainable raw materials
- More sustainable production with low environmental footprint through technology change / change of machinery and equipment

#### **Low-Carbon Production**

- Prevention and reduction of greenhouse gas emissions
- Energy efficiency and energy saving
- Use of clean energy sources in production
- Utilisation of low carbon technologies
- Energy production from waste heat



# GREEN TRANSFORMATION APPLICATIONS [Application Process]



Project applications are made online through the Green Transformation Support Programme Portal at <a href="mailto:ikizdonusum.sanayi.gov.tr">ikizdonusum.sanayi.gov.tr</a>.

With the Road Map Report



- > Drawing the standard and correct framework for green transformation,
- > **Determining a vision** for green transformation practices,
- Medium and long term plans for at least 5 years are expected to be submitted.



The facilities whose road map report is deemed appropriate within the scope of the Green Transformation Support Programme are given the title of **Green Transformation Centre** during the implementation period of the road map.





# anayi.gov.tr/ S

### **GREEN TRANSFORMATION APPLICATIONS**

### [Application Process]

### **Application Form**

Make an application

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### Road Map Report

#### YEŞİL DÖNÜŞÜM DESTEK PROGRAMI (YDDP) YOL HARITASI RAPORU SABLONU

#### A. TESIS HAKKINDA GENEL BİLGİLER

- 1. MEVCUT DURUM
- 1.1. Inletmenin Genet Bilgileri

- Ijdermenin Mali Durumu Hakkanda Genel Bügüer
   Ijdermenin Yali Dünişidin Alanında Yürürliği Projeler (von 3 yd)
   Ijdermenin Yali Dünişidin Alanında Yürürliği Projeler (von 3 yd)
   Ijdermenin Sahip Olduğu Cerve, Ezserji, Urlia, Kalite vb. Yönetim Standarda
- Sertifikanyonlari 2. TESISIN ÜRETİM TEKNOLOJİSİ HAKKINDA BİLGİLER
- 2.1. Işletmenin Fasliyet Alam ve Urettiği Urün Bilgileri 2.2. Isletmenia Cretim Stirecherine Biskin Bilgiler
- 2.3. Kullandan Üvetim Teknolojileri / Veşil Teknolojiler
- 2.4. Uretim Süreçlerinin Meyent En İyi Tekniklere (Varıa), Ulmal ve Ulmilararını Vol. Haritalarma Uyumuna Bişkin Bilgiler

#### B. TESÉS ÍCÍN KAPSAYICI YESÉL DÖNÜNÜM UYGULAMA ÖNERÉLERÉ

- YESIL DONUSUM UVGULAMALARININ AMACI
- YESIL DÖNÜŞÜM UYGULAMALARININ KAPSAMI
- YESIL DÖNÜSÜM UYGULAMALARININ OLASI ETKISI 14 KAZANIMLARI

#### C. YESIL DÖNÜSÜM UYGULAMALARINA YÖNELİK PROJE ÖNERİLERİ

- PROJEVE ILISKIN GENEL BILGILER
- PROJENIN YESIL DONUSUM BOYUTU
- 3. ISLETME ICTN ONCELIK DÜZEYE

#### D. YESIL DÖNÜŞÜM DESTEK PROGRAMI PROJE ÖNERISI

- PROJENÍN TANIMI «« KAPSAMI
- CRETIM SCRECININ/SCRECLERININ GIRDI ve CIKTILARI PERFORMANS GÖSTERGELERI ve HEDEFLERI
- 3.1. Secilen Performans Göstergesi/Göstergeleri
- 3.2. Kullandan Mevent Durum Ölçümü Yöntemi ve Hexaplamaları 3.3. Proje Hedefi/Hedefleri
- 3.4. Projese Kono Performans Göstergelerindeki Meycur Cevre Meyznatuna Durumu PROJE HEDEFINE ULAŞMAK IÇIN GERÇEKLEŞTIRILEÇEK YEŞIL DÖNÜŞÜM UYGULAMALARI
- 4.1, Proje Kapsanonda Gerçekleştirilecek Yeşil Dönüşüm Uygulamaları 4.2. Proje Kapsanonda Yapılıcak Yatırusdar
- PROJENÍN KAZANIMILÁRI ve BEKLENEN SONUCLARI
- PROJENIN UYGULAMA PLANI

No later than 40 work days

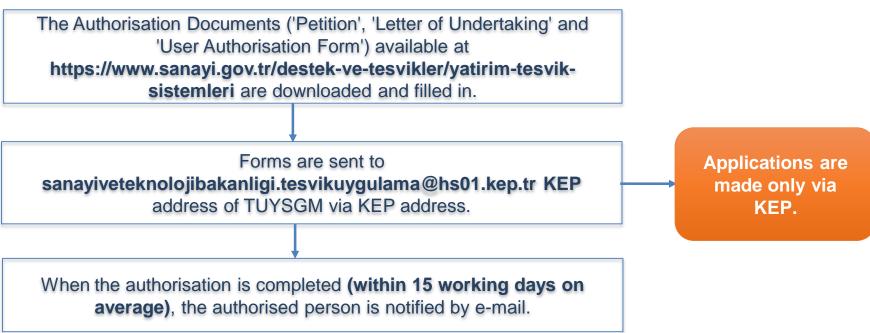


### GREEN TRANSFORMATION APPLICATIONS [Authorization]

- Authorisation procedures are carried out by the General Directorate of Incentive Implementation and Foreign Capital (TUYSGM).
- For the project application, a company official/owner/general manager may authorise any person, including himself/herself, **who has an e-signature** within or outside the company to carry out transactions on behalf of his/her company within the scope of E-TUYS. One company can authorise more than one person, one person can be authorised to perform transactions for more than one company.
- In authorisation document, the date of entry of the information is entered in the commitment start date. The commitment end date can be determined as any desired date according to the company's request. There is no limitation. Commitment end date is the date the authorisation will expire and cannot be left blank.

Within the scope of the programme, the application on behalf of the investor is made by the Green Transformation Leader. The Green Transformation Leader must be a real person authorised on behalf of the relevant company in the E-TUYS system. In order for the application to be approved, the real person making the application must be authorised by the company on whose behalf the application is made.

- Petition
- Commitment (Must be notarized)
- User Authorization Form





# GREEN TRANSFORMATION APPLICATIONS [Road Map Report]

#### **ROAD MAP REPORT**

#### **Medium and Long-Term Planning**

- ☐ General information about the facility
- Information about production technology
- ☐ Inclusive green transformation practices at the facility
- □ Project proposals for green transformation applications

### **Green Transformation Support Program Project Proposal**

- Project objective
- □ Scope
- Current status measurement
- Detection of existing problems
- Solution approaches
- Project targets
- ☐ Green transformation applications
- □ Project size

#### **Green Transformation Team**



- The team formed by the investor to take part in the preparation, implementation and monitoring of the road map report
- A Green Transformation Leader is selected from within the green transformation team



# GREEN TRANSFORMATION APPLICATIONS [Project Proposal]

#### **GREEN TRANSFORMATION APPLICATIONS**

**Current status measurement**  Improvement in at least one of the performance indicators determined per unit production

### PERFORMANCE INDICATORS

- Energy consumption
- Greenhouse gas emission amount
- Air pollutant emission amount
- Carbon footprint
- Water footprint
- Raw material consumption
- Amount of waste
- Water consumption
- Amount of waste water
- Wastewater pollution load
- •Amount of inputs recycled from plant waste

### The Final Situation Measurement

For the project to be considered successful; at least 75% realisation in each of the project objectives



## GREEN TRANSFORMATION APPLICATIONS [Project Proposal]

Determination of the Green Transformation Application Area

• The current situation of the facility should be evaluated and the area or areas to be improved should be identified.

**Measurement of Current Situation** 

•For the indicators that will be affected by the improvement area, measurements should be made or commissioned by taking valid scientific techniques into consideration.

**Determination of Goals** 

 Project objectives should be set that include concrete and measurable improvements in quantitative or proportional terms.

Determination of Green Transformation Applications

 Green transformation practices that need to be realised in order to achieve the targets should be determined.

Determining the Scope of Support

• Land-lot purchase, building-construction expenditure, machinery, equipment, technology, software and hardware to be purchased, measurement, verification, certification, survey, testing and consultancy services to be provided in the project should be determined.

Submission of the Application

 Application should be made by filling out the application form at ikizdonusum.sanayi.gov.tr. The Road Map Report must be uploaded at the application stage through this portal.





# GREEN TRANSFORMATION AAPLICATIONS [Assessment Criteria]

☐ The roadmap report should include the investor's medium and long-term planning for the green transformation process in a consistent and inclusive manner, ☐ Project objectives entered in the Programme Portal are in line with the **Road Map Report** ☐ Establishment of green transformation practices by taking **national and international legislation and good practices** in this field into consideration The project should include priorities in the sector, examples of innovative practices and newly developed technologies ☐ Project objectives are determined to be clear, measurable, comparable and realistic, taking the potential improvement areas that can be realised in the relevant field into consideration ☐ Project objectives should be in line with the investment elements Green transformation practices shall not have a negative impact on other performance indicators ☐ Description of the accuracy and adequacy of performance measurement methods



Improvements beyond the **thresholds** required by the relevant legislation in force at the time of application will be supported.



### **GREEN TRANSFORMATION APPLICATIONS**

### [Program Management Process]

#### **APPLICATION**

- Starting the application through the Programme Portal
- Determination of investment elements
- Completion of the application by the investor by preparing the Road Map Report including the Current Situation Measurement





- Examination of applications, appointment of Assessors by the Ministry
- Establishment of Support Decision (Revision / Acceptance / Rejection)
- Awarding the title of Green Transformation Centre during the implementation period of the Roadmap Report

#### **APPLICATION and MONITORING**

- Commencement of the Project by the investor
- Making revision requests through the Programme Portal while the project is in progress
- Monitoring for projects with an investment period longer than one year

#### COMPLETION

- Final Status Measurement
- Investment Incentive Completion Visa







**List of Assessors** 

- > TSE
- Institutions

   authorised by the

   Ministry in green transformation practices

#### POINTS TO BE CONSIDERED

- The Communiqué and Call Announcement can be accessed from the link <a href="https://yesildonusum.sanayi.gov.tr/">https://yesildonusum.sanayi.gov.tr/</a>.
- Only Turkish resident capital companies operating in the manufacturing industry can apply to the programme.
- The application will be made by the Green Transformation Leader and the Green Transformation Leader must be a real person who has authorisation on behalf of the relevant company in the E-TUYS system.
- The investor must set one or more project objectives for the project for which he/she is applying, which include concrete and measurable improvements in quantitative or proportional terms. The project objective should lead to improvement in at least one of the performance indicators listed in the Communiqué.
- **The size of the project applied for cannot be less than 30 million TL.**



In order to prevent duplication in state support, it is not possible **for the same investment item** to be subject to more than one support.

### **RELATED LINKS**



Program Portal:

https://yesildonusum.sanayi.gov.tr/



Frequently Asked Questions:

https://yesildonusum.sanayi.gov.tr/



Communication:

yesildonusum@sanayi.gov.tr







### Thanks for your attention.

Türkiye Döngüsel Ekonomi IPACevre

@turkiyedonguselekonomi @ipa.cevre

@trdonguseleko @ipacevre

Türkiye Döngüsel Ekonomi IPA Çevre/Environment TÜRKİYE

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