



Whole Surplus Digital Surplus Management Platform



RELATED SDGS GOALS



SDGS 169 TARGETS

- 12.3 Halve per capita global food waste & reduce food losses
- 12.5 Reduce waste generation through prevention & 3R
- 2.1 Ensure access to safe, nutritious & sufficient food

PRIMARY COUNTRY

Turkey

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Whole Surplus is founded in December, 2014. Whole Surplus creates technology solutions to help businesses recover value from food surplus. We provide one-stop waste management platform, unique marketplace for donating surplus inventories, recycling and reselling of surplus and data analytics for reducing waste at the source. Whole Surplus changes the way of business to identify, analyze, control and reduce waste while recovering the best value out of waste for a sustainable world. Whole Surplus is invested by 500 Startups and is a Techstars alumni company. Also, chosen as one of the 9 companies to be supported by UNDP Accelerate 2030.

2 IMPACT ON SOCIETY

250.000 people got donations through our platform in two years. 2800 tons of food is saved with our donation, reselling and animal feed production solutions. We operate in 25 cities of Turkey and work with more than 100 food banks.

URL

<https://www.fazlagida.com/>
(Turkish brand of Whole Surplus)



URL

<https://wholesurplus.com/>



URL

https://www.youtube.com/watch?v=QLW_CiXKdr0





Body Age & Actual Age Measurement



RELATED SDGS GOALS



SDGS 169 TARGETS

3.d Strengthen the capacity for health risk management

PRIMARY COUNTRY

Turkey

2 IMPACT ON SOCIETY

- Proactive approach for potential health problems
- Healty nutrition habits
- Sustainable, world class, proactive health management

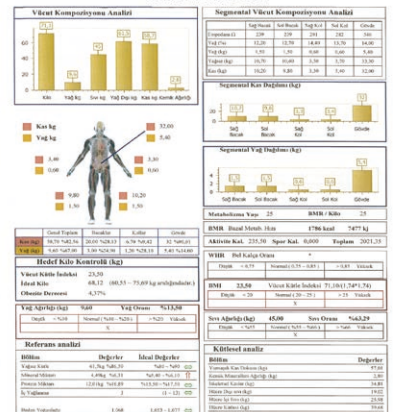
1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Conventional health care methodologies focus on healing illnesses in a reactive way. Instead of waiting for illnesses, we provide our employees a proactive well-being program based on body age measurement. In this methodology, "Body Age" is measured with Tanita device and compared vs. "Actual Age" of the employees. The results are used to determine relationship between nutrition habits and health conditions of employees such as obesity, metabolic syndrome and diabetics. We classify our employees as high risk-low risk and normal regarding the related figures. According to this classification, they are directed to our nutritionists to develop their spesific nutrition programs to improve or keep their situations with surveillance of doctors if needed.

MEASUREMENT



SAMPLE REPORT



Paani - Safe Water Initiative



RELATED SDGS GOALS



SDGS 169 TARGETS

6.1 Achieve universal access to safe & affordable drinking water
17.17 Encourage effective public, public-private & civil society partnerships

PRIMARY COUNTRY

Pakistan

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Pakistan Council of Research in Water Resources (PCRWR) report reveals that 44% of Pakistan's population is without access to safe drinking water. UNICEF reports that patients with water-related diseases occupy 20-40% of hospital beds in Pakistan. "Pakistan Waters at Risk" states that 33% of deaths in Pakistan are due to water borne diseases.

To provide safe drinking water in Pakistan, CCI launched the Paani Initiative in 2015 in collaboration with WWF Pakistan, Rotary International Pakistan and Clean Water Trust.

Each plant has the capacity to produce over 2,000 liters per hour and serve a community of 20,000 people every day.

2 IMPACT ON SOCIETY

Over the course of three years,

- 25 filtration plants are set up since 2015.
- 15 million liters of safe drinking water is provided.
- Water access for 850,000+ individuals is enabled.
- 10-15% decrease in the outbreak of diseases is observed



URL

<https://www.cci.com.tr/en/sustainability>



URL

<https://www.cci.com.tr/en/sustainability/our-focus-areas/community-development>





Accessible and independent social life for visually disabled people



RELATED SDGS GOALS



SDGS 169 TARGETS

- 10.3 Ensure equal opportunity & reduce inequalities of outcome
- 10.2 Empower the social, economic & political inclusion of all
- 11.7 Provide universal access to safe, inclusive & accessible, green & public spaces

PRIMARY COUNTRY

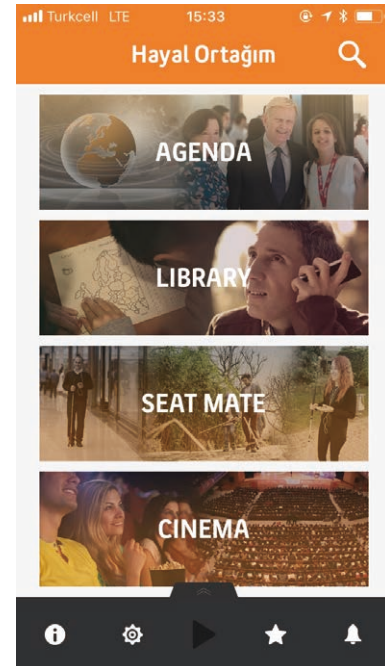
Turkey

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

My Dream Companion application enables visually disabled individuals to easily access information, and provides them more independent social life. Users can access thousands of daily news, columns, audio books, trainings, magazines. Indoor navigation technology provides access detailed information about the stores they are passing through in the shopping malls, and direct them to the relevant store. Transportation technology is providing accessible experiences for visually disabled people. Moreover, MDC provides audio description for the first time in the world without any extra equipment. By this technology, visually disabled people are able to watch movies in all theaters without missing visual details.

2 IMPACT ON SOCIETY

- Providing visually disabled people independent, equal and full participation to social life by making accessible public areas and facilities with the power of technology



URL

<https://www.turkcell.com.tr/servisler/turkcell-hayal-ortagim>



Gold Mould



RELATED SDGS GOALS



decreases the water consumption and energy consumption per wheel. Tungsten material also eliminates the usage of die coating. Therefore it prevents people to breathe the hazardous dust in.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Tungsten material bottom core decreases the cycle time of the wheel production and eliminate the process downtimes caused by mould material, also it decreases the water consumption and energy consumption per wheel. Tungsten material also eliminates the usage of die coating. Therefore it prevents people to breathe the hazardous dust in. In counter gravity die casting system uses steel based on cores. In this process you need to cover core with ceramic based coating material. Since this material is a material with a high probability of abrasion, each shift must be renewed at least 2 times. Also this situation decreases our OEE ratio and quality ratio. It takes at least 1 hour a shift for one machine. Additionally coating material erodes after a certain period of time deformation occurs on the mold surface as a result of this wear. These deformations appear as poor quality and efficiency. Tungsten material bottom core decreases the cycle time of the wheel production and eliminate the process downtimes caused by mould material, also it

2 IMPACT ON SOCIETY

- Water Consumption has decreased 17L/min per wheel
- Air consumption has decreased 0.015 m³/h per wheel
- Energy consumption has decreased 1.75 kw per wheel
- Cycle time has decreased 60 sec per wheel
- Mould life has improved 3 times
- OEE ratio has improved 10 percent
- Quality ratio has improved 5 percent



Recycled PET TUB: Washer Dryer Tub With Recycled PET Flakes



RELATED SDGS GOALS



SDGS 169 TARGETS

- 12.2 Achieve the sustainable management & efficient use of natural resources
- 12.4 Achieve the environmentally sound management of chemicals & wastes
- 12.5 Reduce waste generation through prevention & 3R
- 13.3 Improve human & institutional capacity on climate change

PRIMARY COUNTRY

Turkey

OTHERS

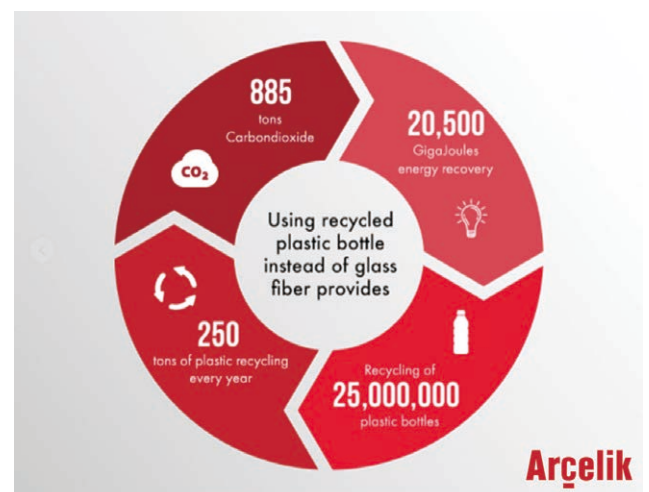
UK, Germany, France, China, South Africa

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In Recycled PET Tub project, PET flakes from recycled PET bottles are innovatively integrated into washing machine plastic tubs to produce sustainable and eco-friendly products with high performance. Thanks to our patented technology, PET flakes are transformed into PET fibers during the compounding process, reinforcing the plastic tub composite material. As a result, sustainable products were developed using recycled plastics without sacrificing the performance. The innovative material is being used in serial production since August 2017. So far, 250,000 washer-dryers have been produced using the material.

2 IMPACT ON SOCIETY

60 PET plastic bottles are recycled in every washing machine resulting recycling of 25,000,000 plastic bottles per year. CO₂ emissions are reduced by 885 tons and 5.7m kWh energy is saved per year.



URL

<http://www.arcelikas.com/UserFiles/file/SustainabilityReport2017.pdf>



USAGE OF TEA GRANULS AS BIOMASS AT PLASTIC MATERIALS

About Projects

About Projects

- Usage of Tea Granuls instead of Talc and PP.
- Industry and Segment first.

Success Criterias



Lighter
15%



Cheaper
10%



Lower

RELATED SDGS GOALS



SDGS 169 TARGETS

8.4 Improve global resource efficiency in consumption & production
12.4 Achieve the environmentally sound management of chemicals & wastes

PRIMARY COUNTRY

Turkey

OTHERS

Europe

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Ford Otosan is working on biomaterial mass filled plastic materials to reduce cost and weight of the vehicles to ensure effectiveness while creating nature friendly vehicles. Currently company works on natural fillers at plastic materials to replace chemical components to create efficiency, cost avoidance and weight reduction to meet fuel efficiency regulations while saving the planet.

First Project



Second Project



50% Tea Granuls Biobased Plastics

2 IMPACT ON SOCIETY

- Waste management
- Nature friendly material production and usage
- Superior performance material development
- Cost and weight save
- Fuel efficiency to save planet

URL

<http://new.msuite.com.tr/displayerBasin?GroupID=4747&ArticleID=111150710&SearchKey=&ActiveYear=2018&displayer=1&isfromghs=1&firmID=1010341&newsID=388744&linktext=Sabah&ghsHeaderID=501&newsType=1&key=89b0a1a475b892eab39211ab4ba2f2e9>



SUSTAINABILITY GOVERNANCE SCORECARD



SUSTAINABILITY GOVERNANCE SCORECARD

RELATED SDGS GOALS



SDGS 169 TARGETS

- 16.6 Develop effective, accountable & transparent institutions
- 16.7 Ensure responsive, inclusive, participatory & representative decisionmaking
- 16.5 Reduce corruption & bribery

PRIMARY COUNTRY

Global

OTHERS

Global

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

ARGE Consulting has founded a non-profit academy (Argüden Governance Academy) to develop methodologies to improve the quality of life and make world a better place by using its know-how on governance. We conducted a research project to analyze sustainability governance mechanisms of leading companies included in DJSI, FTSE4Good, STOXX, BIST and FTSE/JSE Indexes and in NYSE, FTSE, LSE, BIST, JSE stock exchanges. A scorecard has been developed with 330 criteria to rate the quality of sustainability governance based on publicly available information. The Project report includes, ratings of and best practices from the leading companies.

2 IMPACT ON SOCIETY

The research findings will improve the global speed of learning for sustainability governance of the companies through best-in-class examples. Alignment of SDGs to strategy is part of the analysis. Findings would improve the implementation of SDGs by the business. The project provides global answers to questions such as:

- Do they disclose a board skills matrix and is sustainability one of the key skills in the boards?
- Have they presented linkages between risks, value creation, and SDGs?
- Are the non-financial KPIs linked to executive compensation?
- Do they incorporate SDGs into their sustainability strategy process?
- Which SDGs attract the attention of the leading companies? Which ones are lagging?
- Is there a continuous learning process to improve governance and specifically performance with respect to the SDGs?

147 Sustainability Leaders from Germany, South Africa, Türkiye, U.K., and U.S.

