

We shift the narrative on climate change investments, by looking for the companies with products and services that preclude emissions from ever taking place.

Equally unique is that we use tangible and quantifiable metrics in our methodology, such as Potential Avoided Emissions, as a proxy for impact & relevance.

Ours is a holistic ESG approach. We lead with “E”, based on these tangible metrics, and additional “S” and “G” screens are based on UN Global Compact indicators.

## Index Details

**Index Name:** iClima Global Decarbonisation Enablers Index

**Index URL:** [www.solactive.com/Indices/](http://www.solactive.com/Indices/)

**Inception Date:** September 2020

**Number of holdings:** 163

**Asset Class:** Equities

**Eligible Universe:** Solactive GBS Global Markets All Cap USD Index TR (ISIN: DE000SLA78F9)

**Weighting:** Tiered weighting to ensure no company comprises greater than 2% at each rebalance date

**Index Provider:** Solactive AG

**Rebalance Frequency:** Every six months

**Bloomberg Ticker:** GLCLIMUN Index

**ISIN:** DE000SLOB8N8

**Currency:** USD

**Base Value/Base Date:**  
02 Aug 2017, set at 1000

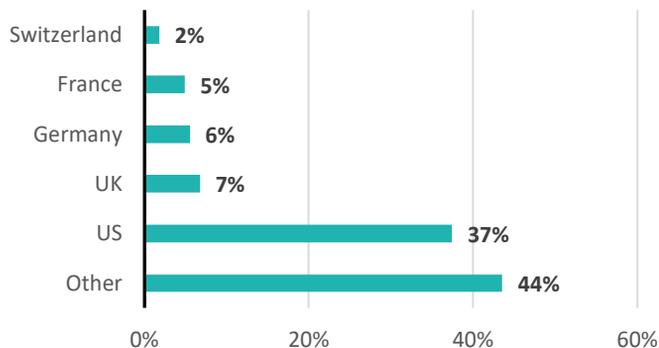
The **iClima Global Decarbonisation Enablers Index USD** was designed to represent the securities from companies with products and services that preclude CO<sub>2</sub>e emissions from ever taking place. These companies move our economies away from “business as usual”, products and services with material emissions or heavy fossil fuel association. Decarbonisation is quantified based on a tangible metric: Gigatons of CO<sub>2</sub>e avoided.

## Why iClima Decarbonisation Index?

We created the **iClima Global Decarbonisation Enablers Index** in September 2020 to provide unique data and research for those looking to find the most innovative and relevant companies in the climate space. Our unique approach looks for the providers of solutions that will be necessary as the world shifts to more sustainable economies.

- 1. Exclusion & Innovation approach to ESG:** Most climate change indices are based on Inclusion & Transformation, the idea that companies can make an impact if they “do less harm”. While we appreciate that many companies are great corporate citizens, there is a limit to the impact of decarbonization if it is a cost line item. We represent innovation, the companies that problem solve to mitigate climate change.
- 2. A comprehensive set of solutions:** The index provides balanced exposure to companies providing climate change solutions from five sub-sectors including green energy, green transportation, water and waste improvements, decarbonisation enabling solutions and sustainable products.
- 3. Megatrend with tail winds:** Climate change and the transition to a low carbon economy is one the largest megatrends of the 21st century. Green investments are largely being fueled by a combination of climate change supportive regulatory changes such as the 2015 Paris Agreement and new consumer-based preferences such as veganism, ridesharing, and electric vehicles.

## Exposure and Characteristics

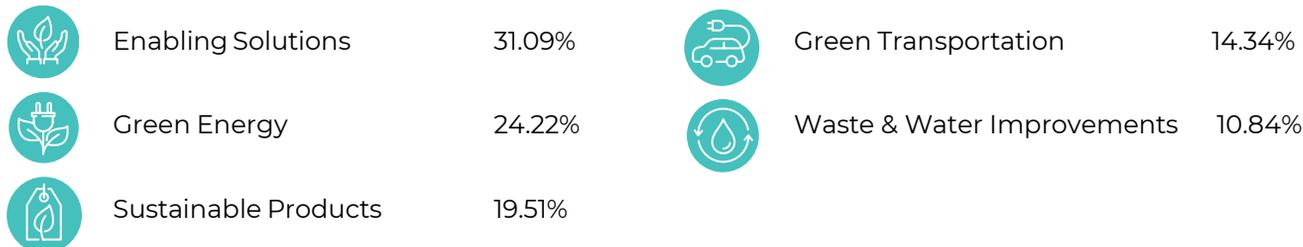


TOTAL Capitalization	\$3,476,415,799,615
Large cap	41.0%
Mid Cap	51.0%
Small Cap	8.0%

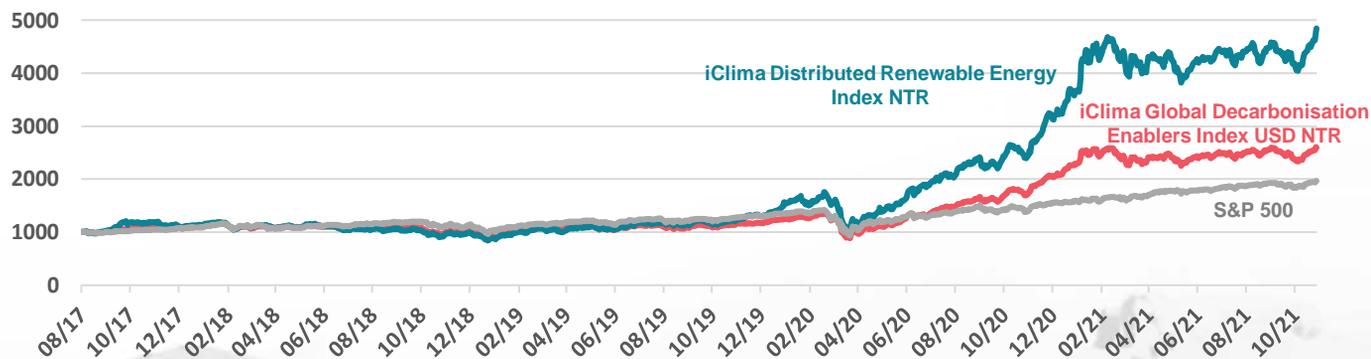
## Exposure and Characteristics

Security	% Weighted
TESLA INC	1.52%
PLUG POWER INC	1.29%
INFINEON TECHNOLOGIES AG	1.10%
REPUBLIC SERVICES INC	1.10%
GENERAC HOLDINGS INC	1.09%
VESTAS WIND SYSTEMS A/S	1.07%
NIBE INDUSTRIER AB	1.07%
VERBUND AG	1.06%
ALBEMARLE CORP	1.06%
ENPHASE ENERGY INC	1.04%
<b>TOTAL</b>	<b>11.40%</b>

## Sector Breakdown



## Index Performance 2<sup>nd</sup> Aug 2017 to 29<sup>th</sup> Oct 2021



## iClima Global Decarbonisation Enablers Index USD NTR

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
<b>2021</b>	6.32%	-2.00%	-0.01%	1.22%	0.24%	3.14%	0.41%	2.32%	-6.79%	9.14%			<b>13.96%</b>
<b>2020</b>	1.32%	-3.42%	-16.25%	11.01%	9.23%	8.06%	10.13%	11.37%	1.55%	1.92%	21.41%	10.87%	<b>83.51%</b>
<b>2019</b>	10.54%	3.63%	-0.60%	3.87%	-7.01%	8.29%	-0.13%	-3.07%	2.38%	2.39%	2.97%	5.98%	<b>31.91%</b>
<b>2018</b>	3.79%	-4.98%	-0.03%	0.65%	0.34%	-3.15%	2.53%	0.70%	-1.12%	-9.30%	2.91%	-6.85%	<b>-14.40%</b>
<b>2017</b>									5.36%	2.43%	0.17%	1.37%	

Note: YTD 2021 is as of 31/10/2021

## Methodology

Company selection criteria is built on a fact and data-based methodology. Inspired by the findings of Project Drawdown and the EU Green Taxonomy, iClima identified five segments that will make a significant impact to lowering levels of CO<sub>2</sub>e. Companies within each of these segments were then included based on a rules-based funneling system to test for whether they are revenue generating, to gauge the percentage of their 'green' revenue vs. non green. Exclusions were then applied to companies that have exposure to nuclear, armaments, fossil fuels, and certain Global Compact indicators including slavery.

## The Decarbonisation Solutions

The Decarbonisation Solutions encompass a comprehensive list of five sectors and 27 subsectors in total. These cover a broad set of solutions, all poised to benefit from the increased need of sustainable solutions as regulatory demands, investor appetite and consumer behaviour shift the world to a greener economy.



### Green Energy Companies

provide or enable renewable energy production from solar, wind, hydro, ocean, tide, and geothermal sources.

**Examples include:** Renewable Energy Assets; Renewable Energy Developer; Renewable Energy Equipment and Green Utility



### Green Transportation Companies

focus on climate change solutions that enable reduction in greenhouse gas emissions from fossil fuel combustion in internal combustion engine ("ICE") vehicles. Also, companies in public transportation that enable a modal shift from ownership and usage of private ICE.

**Examples include:** Electric transportation; Electric Vehicles and bikes; Ride Sharing and Efficiency



### Water & Waste Improvement Companies

provide water and waste management services that enable energy saving, sustainable treatment of waste and avoidance of landfill greenhouse gas emissions from decomposition.

**Examples include:** Pollution Control, Recycling and Materials; Waste Management; Water and Waste Efficiency



### Decarbonization Enabling Solutions Companies

cover a wide range of solutions that indirectly enable reduction of greenhouse gas emissions from energy generation, combustion in ICE vehicles, and operation of buildings and industrial processes.

**Examples include:** Fuel Cells and Alternative Fuels; Battery Supply Chain; Electric Systems; Energy Efficiency; Energy Storage; Green Finance; Semiconductor Devices; Lighting Systems; Measurement Instruments; Sustainable Infrastructure; Electrical Components



### Sustainable Products Companies

offer products from sustainable raw materials, products that enable reduction of greenhouse gas emissions in the production stage, use phase and/or end of life phase.

**Examples include:** Food Solutions; Telepresence; Sustainable Materials; Efficient Materials and Processes; Sustainable Buildings; Sustainable Forestry

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