



**STRIVE**

**UPDATE ON VOLUNTARY CARBON MARKET  
AND INTRODUCTION INTO EMISSION REDUCITON PROJECT  
DEVELOPMENT**

# UPDATE ON VOLUNTARY CARBON MARKET

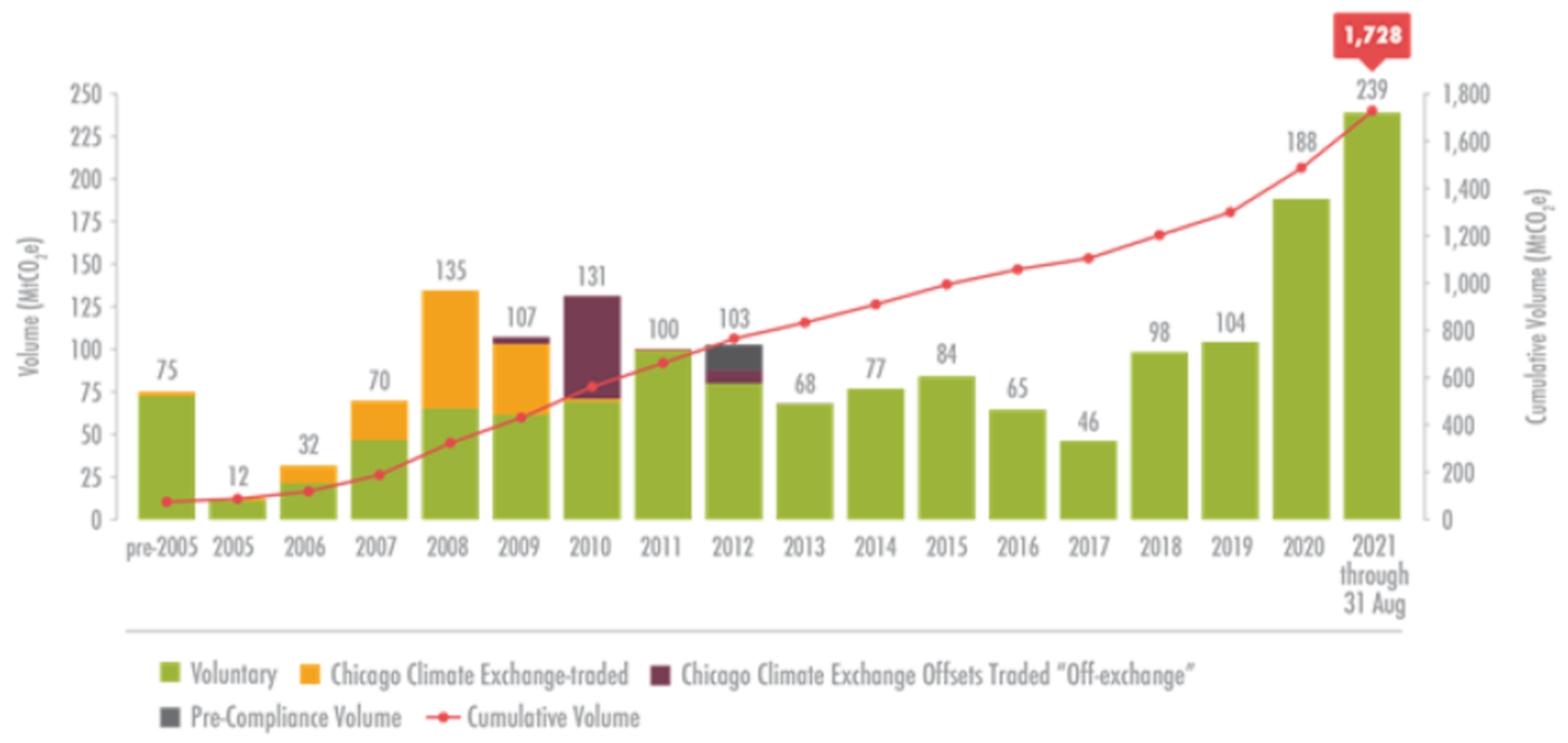


# VOLUNTARY CARBON MARKET SIZE



## KEY HIGHLIGHTS

Figure 2. Market Size by Traded Volumes of Voluntary Carbon Offsets, pre-2005 to 31 August 2021



- Year to date annual transaction value already hit \$1 billion
- Volume traded increased over 80% in 2020 and 2021 (vs 2019).
- To achieve Paris goals, voluntary action through the carbon markets will need to increase 15-fold by 2030 and 100-fold by 2050 from 2020 levels.
- Art6 has been agreed in Glasgow
- Influx of corporate net zero/ carbon neutrality commitments
- SBTi planning to accept removals against the targets
- Entrance of speculators and commodity traders

# VOLUNTARY CARBON PRICES AND TRENDS



	2020				2021 (through August)			
	Volume (MtCO2e)	Volume % Change from Prior Year	Price per ton (USD)	Value (USD)	Volume (MtCO2e)	Volume % Change from Prior Year	Price per ton (USD)	Value (USD)
FORESTRY AND LAND USE	48.1	30.9%	\$5.60	\$269.4M	115.0	139.4%	\$4.73	\$544.0M
RENEWABLE ENERGY	80.3	89.4%	\$0.87	\$70.1M	80.0	-0.3%	\$1.10	\$88.4M
ENERGY EFFICIENCY/ FUEL SWITCHING	31.4	921.0%	\$1.03	\$32.3M	16.1	-48.9%	\$1.57	\$24.2M
AGRICULTURE	0.3	-	\$9.23	\$2.8M	3.4	876.8%	\$1.36	\$4.6M
WASTE DISPOSAL	8.3	13.0%	\$2.76	\$22.9M	2.7	-67.5%	\$3.93	\$10.6M
TRANSPORTATION	1.1	165.2%	\$0.64	\$0.7M	2.1	99.3%	\$1.00	\$2.1M
HOUSEHOLD DEVICES	3.5	-45.4%	\$4.95	\$17.3M	1.8	-49.8%	\$5.75	\$10.4M
CHEMICAL PROCESSES/ INDUSTRIAL MANUFACTURING	1.3	-68.7%	\$1.90	\$2.5M	1.1	-11.2%	\$3.22	\$3.5M

## KEY TRENDS

- Carbon removals get nearly 5x price premium over reductions due to unprecedented demand
- Agriculture credits are on a rise in volume but dropped on price per unit
- Average prices grew to 3.13 USD in 2021 (vs 2.51 USD/t in 2020) \*based on data until August
- Absolute majority of credits traded come from VCS standard
- Over 55% of the traded credits come from Asia

Source: Ecosystem Market Place Voluntary Market Report 2021

Table 6: Volume and Prices of Removals and Reductions Credits, 2020 and 2021 (through August)

	2020		2021 (through August)	
	Volume (MtCO2e)	Price (USD)	Volume (MtCO2e)	Price (USD)
Removals	9.0	\$7.93	5.6	\$7.98
Reductions	84.4	\$1.60	52.9	\$1.71

Source: Ecosystem Market Place Voluntary Market Report 2021

# INTRODUCTION INTO EMISSION REDUCTION PROJECT DEVELOPMENT



# INTERNATIONALLY RECOGNISED STANDARDS RELEVANT FOR FORESTRY PROJECTS

The internationally recognised standards are the issuing authorities that have following key objectives:

- Ensure functioning and credibility of the mechanism
- Define international standards and rules for projects registration, accept methodologies, credit issuance and retirements.
- Register emission reductions according to a certain baselines specific to accepted methodologies
- All standards require emission reductions to be permanent, verified, additional, traceable, real and causing no harm.
- Some standards have additional requirements on co-benefits such as contribution to SDGs, community, biodiversity, etc.

The standards are globally accepted and credits originating from these schemes are used by corporations, governments and other entities for offsetting of their unavoidable emissions.



**Gold Standard**

# TYPICAL PROJECT DEVELOPMENT CYCLE AND STAKEHOLDERS



<b>Stakeholder</b>	<b>PROJECT OWNER</b> (usually multiple project participants )	<b>ISSUING AUTHORITY</b> (crediting standards such as CDM, Verra, Gold standard, ..)	<b>3<sup>RD</sup> PARTY VERIFIER</b> (project verifier)	<b>MARKET MAKER</b> (credit trader)	<b>OFFSETTING ENTITY</b> (credit buyer)
<b>Role</b>	Implements emission reduction project	Designs and oversees programme rules	Independently verifies emission reductions	Matches supply and demand	Compensates for unavoidable emissions
<b>Objective</b>					

# OUR CLIMATE ACTION & CARBON OFFSETTING SOLUTIONS





# THIS IS US



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**1.800**

ACTIVE CLIENTS

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**1.2** Bn

UNITS TRADED

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**1.2** Bn €

ANNUAL TURNOVER

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**64M€**

CHANNELLED TO  
FINANCE EMISSIONS  
REDUCTION PROJECTS

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**74** PEOPLE

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**22** YEARS  
IN CARBON  
MARKETS

# THIS IS US



We work together with global businesses in multiple sectors to help design low carbon pathways and build the new capabilities required as part of their zero carbon transformations

## 1. Net Zero Advisory

Customised advisory solutions on zero-carbon strategy, environmental foot printing, green supply chain and climate action advocacy.

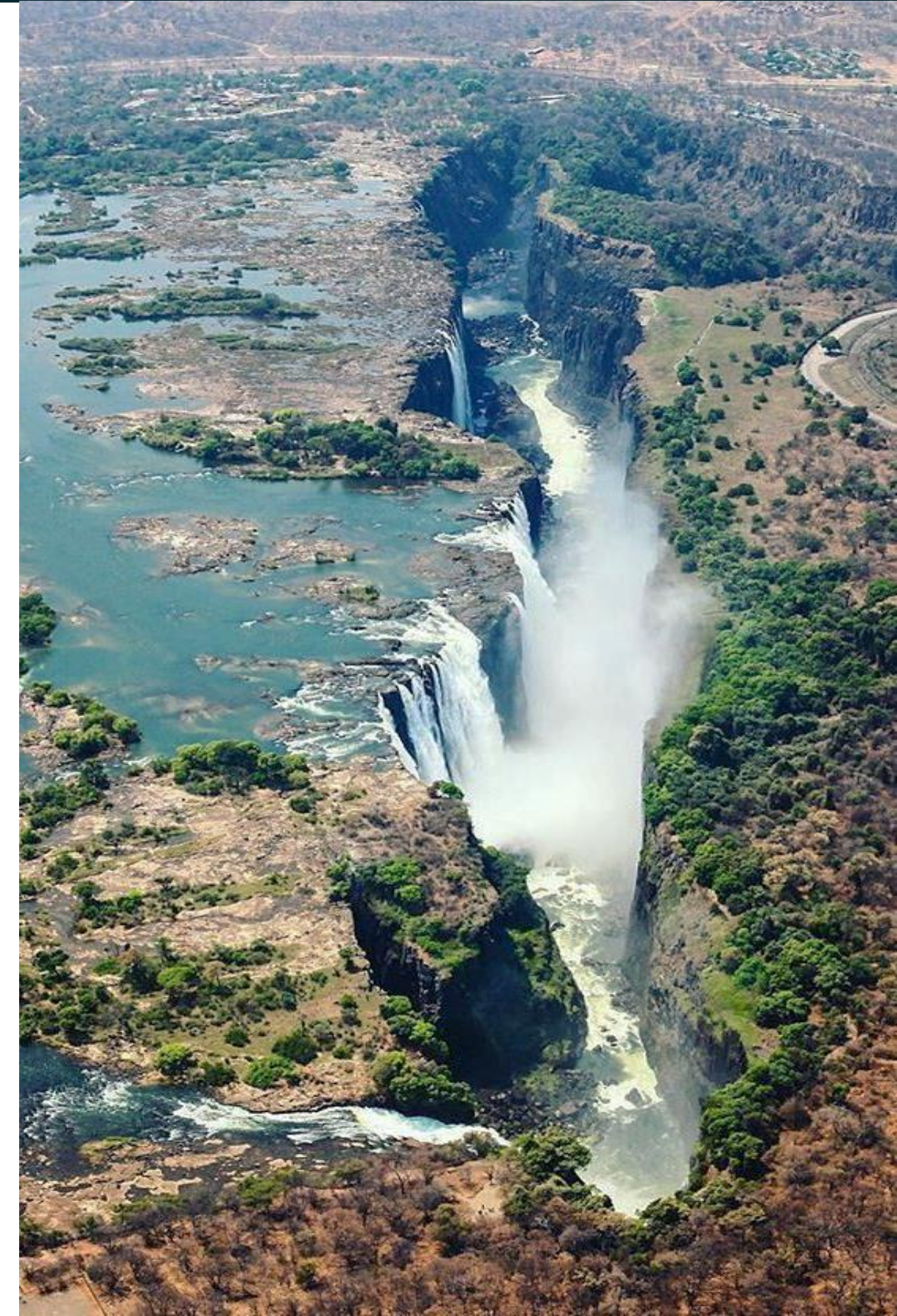
## 2. Carbon Offsetting & Climate Products

Sourcing the most appropriate offsets and certificates to protect and transform the planet.

Climate positive workforce solution to inspire and empower individuals to become carbon neutral or carbon positive

## 3. Emission Reduction Project Development

Implementing emission reduction projects in multiple technologies and countries, for maximum environmental and social impact.



# GET IN TOUCH WITH US



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