



Ciclo de Capacitaciones SCE 2025: SESIÓN 6

Gestión de emisiones en el sector residuos
Verified Carbon Standard – VCS

13 agosto 2025

Photo by Lisa Murray. Bale Mountains Eco-Region REDD+ Project,
Ethiopia (Verra Project 1340).

AGENDA

- VERRA y el Programa VCS
- Metodologías en el sector residuos
- Ciclo de proyecto VCS

VERRA y el Programa VCS



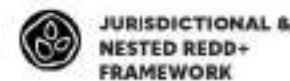
Verra establece estándares líderes a nivel mundial para la acción climática

Todo lo que hacemos es en pos de una ambición climática y objetivos de desarrollo sostenible creciente – y una transición acelerada hacia un future sostenible.

Verra.org



The world's leading voluntary Greenhouse Gas program.



The world's first framework for high-impact forest conservation.



Certifying Scope 3 interventions to catalyze science-based climate



Promoting excellence and innovation in land use projects.



The world's premier standard for certifying sustainable



Scaling Up Plastic Waste Collection and Recycling.

El VCS es el programa de acreditación de gases de efecto invernadero mas usado a nivel mundial



The world's leading voluntary
Greenhouse Gas program.



PROYECTOS VCS EN CHILE

33

Proyectos

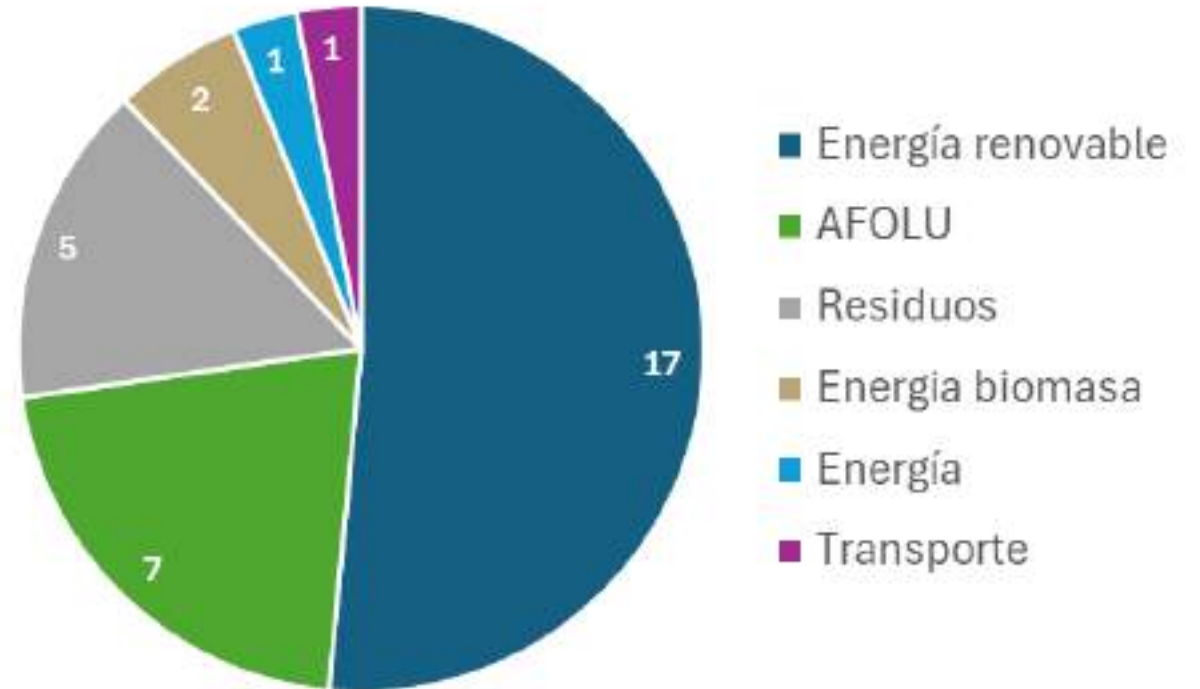
25 registrados

4.3

Millones
tCO₂e

VCUs

PROYECTOS POR SECTOR





Estructura del Programa VCS



- OVERVIEW →
- PROGRAM DETAILS →
- METHODOLOGIES →
- VALIDATION AND VERIFICAT... →



Auditoria externa

VVB

Validation and Verification Body



Sistema de registro

Verra Registry

The VCS Program allows certified projects to take their greenhouse gas (GHG) emission reductions and removals into tradable carbon credits. Since its launch in 2005, the VCS Program has grown into the world's largest voluntary GHG program. VCS projects include forestry, renewable energy, and waste-to-energy, among others. VCS projects include forestry, renewable energy, and waste-to-energy, among others.

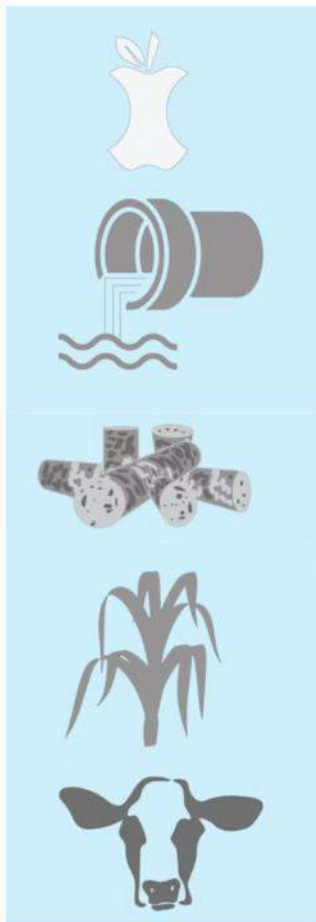
Project and Credit Summary

VCS Issued	1,332,896,708	VCS Retired	838,534,364
VCS Projects Registered	2,500	Total VCS Credits Issued	76,283,965

A man wearing a red shirt and a white cap is shown in a close-up, looking intently at a branch of a plant. He is holding the branch with both hands, examining a cluster of small, round, red and green berries. The background is a soft-focus green, suggesting an outdoor setting. The overall image has a dark, moody tone with a blue-green tint.

Metodologías en el sector residuos

Residuos



Tratamientos



Relleno sanitario



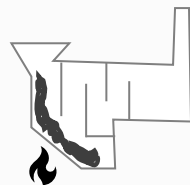
Reciclado



Compostaje



Biodigestión



Gasificación/combustión

ACM0001
Active Date:
June 14, 2019

ACM0001 Flaring or use of landfill gas

AMS-III.G.
Active Date:
June 14, 2019

AMS-III.G. Landfill methane recovery

VMR0007
Active Date:
September 4,
2023

VMR0007 Revision to AMS-III.AJ.: Recovery and Recycling of Materials from Solid Wastes, v1.0

VMR0008
Active Date:
September 4,
2023

VMR0008 Revision to AMS-III.BA.: Recovery and Recycling of Materials from E-waste, v1.0

VMR0009
Active Date:
December 15,
2023

VMR0009 Revision to AM0057: Avoided Emissions from Biomass Wastes through Use as Feedstock in Pulp and Paper, Cardboard, Fiberboard or Bio-oil Production, v1.0

ACM0022
Active Date:
September 9,
2021

ACM0022 Alternative waste treatment processes

AMS-III.F.
Active Date:
November 4,
2016

AMS-III.F. Avoidance of methane emissions through composting

AMS-III.AO.
Active Date:
November 26,
2010

AMS-III.AO. Methane recovery through controlled anaerobic digestion

AMS-III.E.
Active Date:
November 28,
2014

AMS-III.E. Avoidance of methane production from decay of biomass through controlled combustion, gasification or mechanical/thermal treatment

y varias mas...

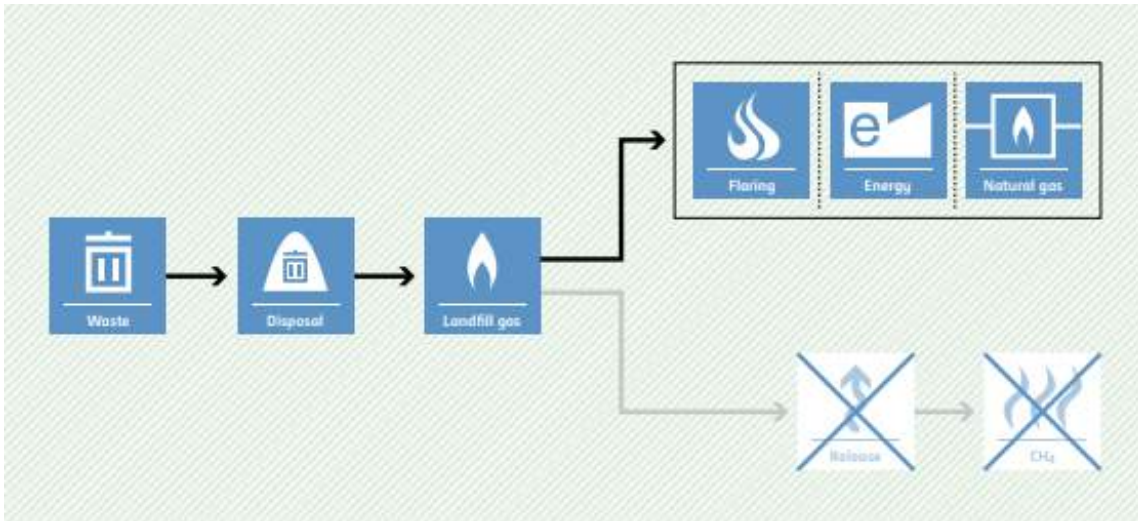
ACM0001
Active Date:
June 14, 2019

ACM0001 Flaring or use of landfill gas

AMS-III.G.
Active Date:
June 14, 2019

AMS-III.G. Landfill methane recovery

< 60k tCO₂e



Características principales



Condiciones de Aplicabilidad
Captura y quema o uso de biogás



Línea de base:
Metano generado y venteado a la atmosfera
Generación de energía con combustibles fósiles



Adicionalidad:
Simplificada o financiera/barreras



Monitoreo:
Biogás capturado
% metano
Energía generada

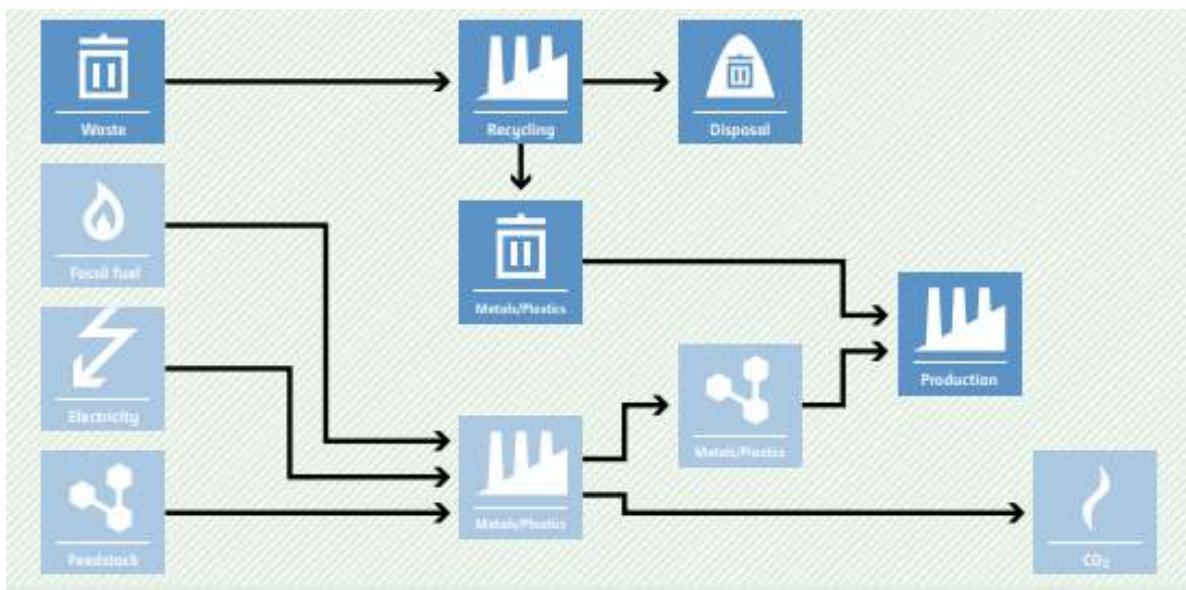
VMR0007
Active Date:
September 4,
2023

VMR0007 Revision to AMS-III.AJ.: Recovery and Recycling of Materials from Solid Wastes, v1.0

VMR0008
Active Date:
September 4,
2023

VMR0008 Revision to AMS-III.BA.: Recovery and Recycling of Materials from E-waste, v1.0

< 60k tCO₂e



Características principales



Condiciones de Aplicabilidad:

Materiales en RSU

Papel/cartón, PE, PET, PVC, PP, vidrio, aluminio y acero

Sector informal o formal

Materiales en residuos electrónicos

Metales (ej. Al, acero, cobre, oro, plata, paladio, plomo)

Plásticos (ABS, HIPS)

Vidrio



Línea de base:

Energía y procesos para material virgen

Metano generado y venteado (papel/cartón)



Adicionalidad:

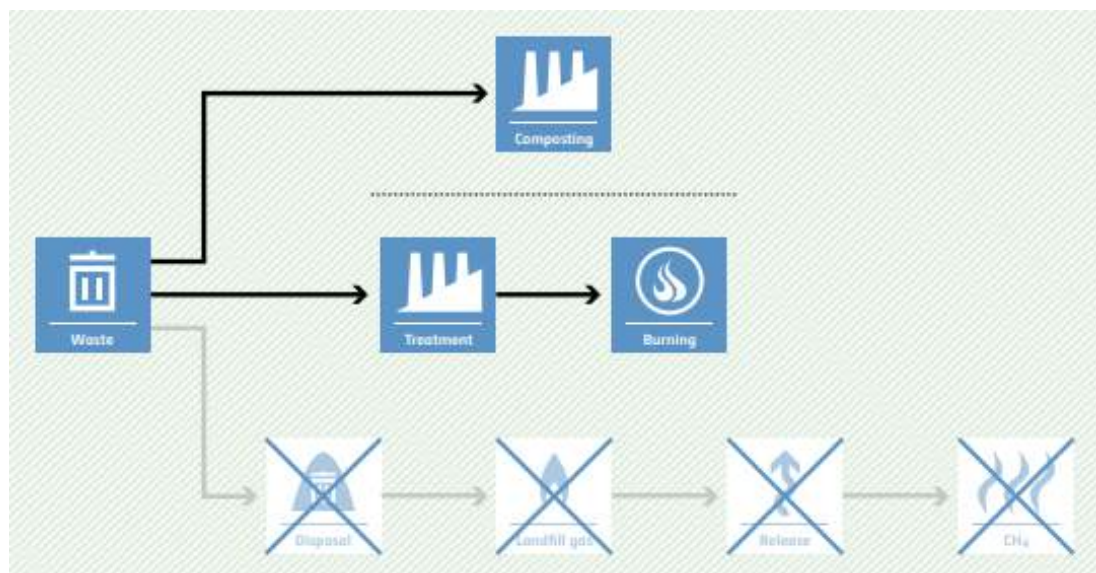
Financiera/barreras



Monitoreo:

Material reciclado

Energía consumida



Características principales



Condiciones de Aplicabilidad:

Compostaje

Gasificación

Biodigestión

Tratamiento térmico-mecánico

Incineración



Línea de base:

Metano generado y venteado a la atmosfera

Generación de energía con combustibles fósiles



Adicionalidad:

Simplificada o financiera/barreras



Monitoreo:

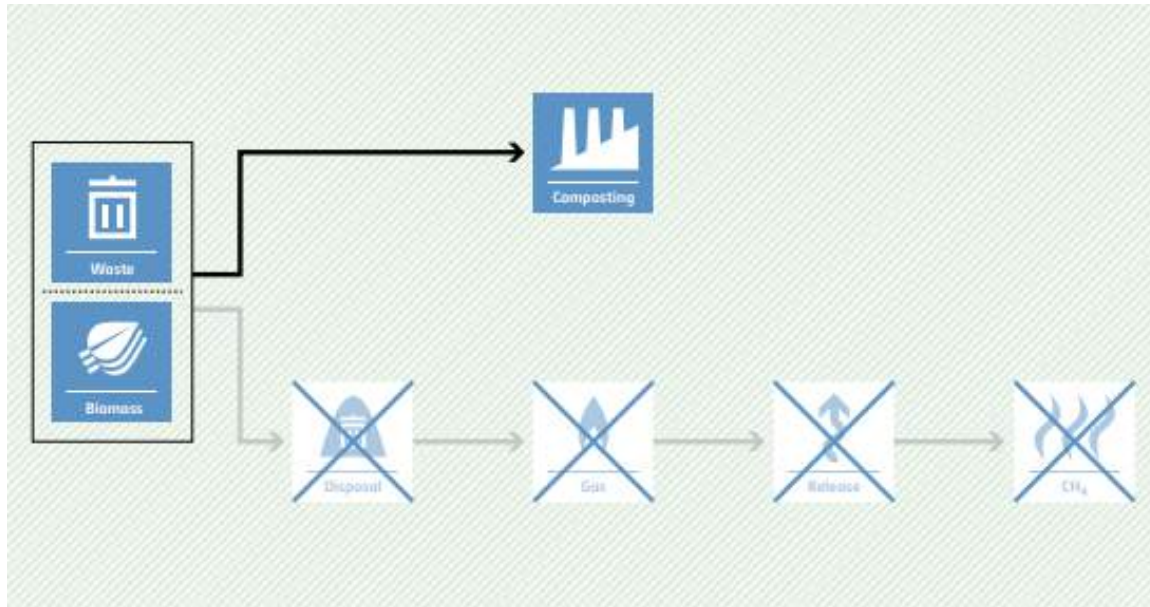
Cantidad y tipo de residuos

Energía generada

AMS-III.F.
Active Date:
November 4,
2016

AMS-III.F. Avoidance of methane emissions through composting

< 60k tCO₂e



Características principales



Condiciones de Aplicabilidad:
Compostaje



Línea de base:
Metano generado y venteado a la atmosfera



Adicionalidad:
Simplificada o financiera/barreras



Monitoreo:
Cantidad y tipo de residuos
Energía usada

GESTION DEL ESTIERCOL

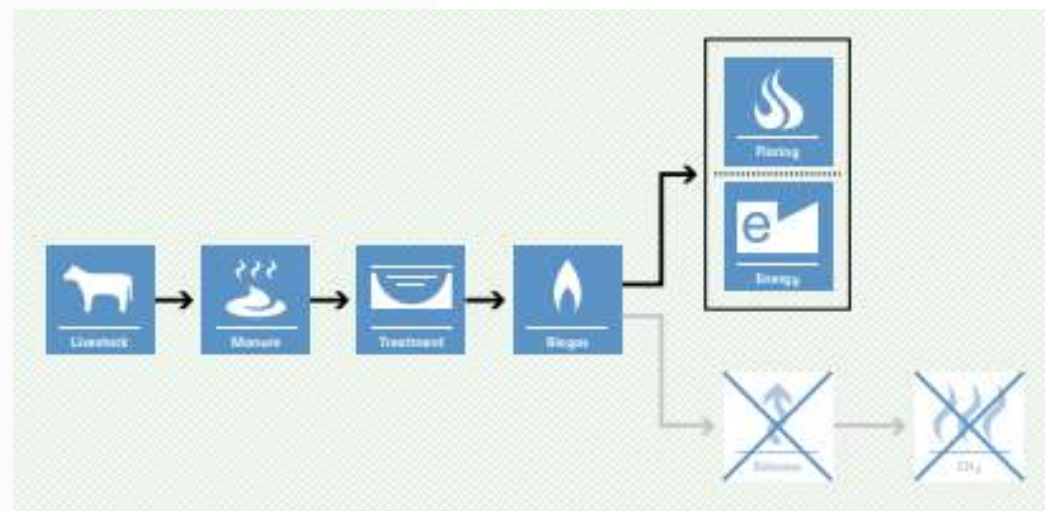
ACM0010
Active Date:
October 4,
2013

ACM0010 GHG emission reductions from
manure management systems

AMS-III.D.
Active Date:
September 22,
2017

AMS-III.D. Methane recovery in animal manure
management systems

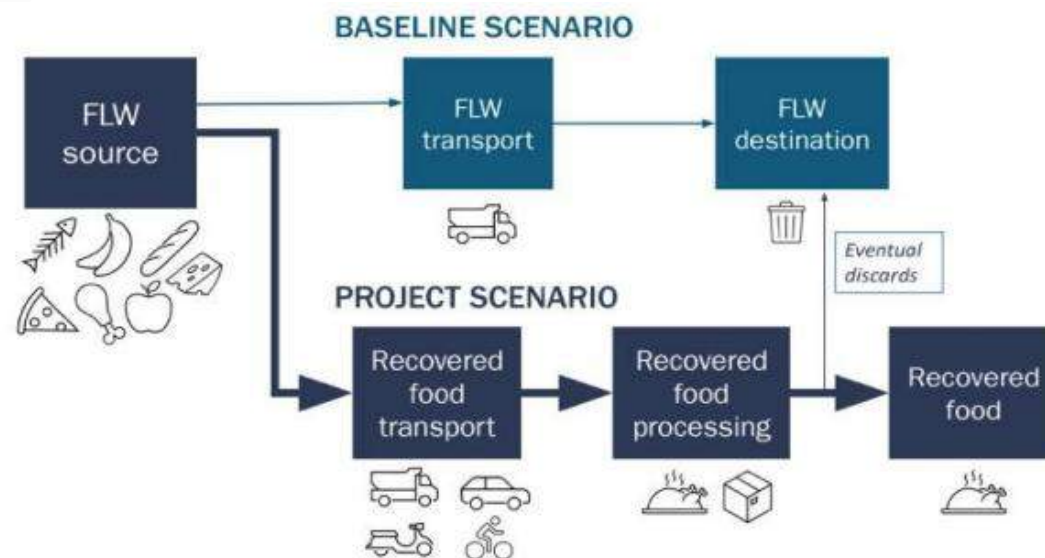
< 60k tCO₂e



GESTION DE LA COMIDA

VM0046
Active Date:
July 12, 2023

VM0046 Methodology for Reducing Food Loss
and Waste, v1.0

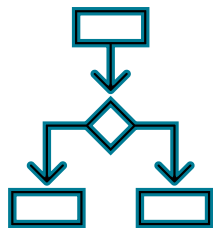


Ciclo de proyecto VCS



Pipeline listing

Under development



1. ELEGIR UNA
METODOLOGÍA Y
DESARROLLAR EL
DOCUMENTO DE
PROYECTO (PD)

Registration

Under validation



2: EL VVB VALIDA EL
PROYECTO

Y

EL DESARROLLADOR
PRESENTA EL
PROYECTO PARA
REGISTRO



3: MONITOREO DE LAS
ACTIVIDADES DEL
PROYECTO

EL VVB VERIFICA LAS
REDUCCIONES O
REMOCIONES

Y

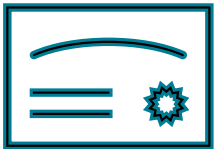
EL PROPONENTE
PRESENTA EL PROYECTO
PARA VERIFICACIÓN

Verification approval



4: VERRA REvisa EL
PROYECTO Y HACE EL
CONTROL DE CALIDAD

Issuance



5: VERRA EMITE LOS
VCUS EN LA CUENTA
DEL PROPONENTE
DENTRO DEL REGISTRO



**Verified Carbon
Standard**



**Jurisdictional
& Nested REDD+**



**Climate, Community
& Biodiversity Standards**



SD VISta



**Plastic Waste
Reduction Standard**



**Scope 3
Standard**

Gracias

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Manager Metodologías VCS

VERRA.ORG

secretariat@verra.org



**Verified Carbon
Standard**



**Jurisdictional
& Nested REDD+**



SD VISTa



**Climate, Community
& Biodiversity Standards**



**Plastic Waste
Reduction Standard**



**Scope 3
Standard**

VERRA.ORG