

PDI Technologies – California VCMDA Disclosures												
Registry	ID	Name	Type I	Type II	Site Location	Protocol	Start Date	Timeline	Standard	Verification	Annual Estimate	URL
American Carbon Registry	ACR622	Foam Blowing Agent Project 003F	Avoided Emissions	Industrial Process Emissions	Winchester, Virginia, USA	Methodology for the Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use, V2.0	1/1/2020	1/1/2020 - 12/31/2019	ACR Standard, V7.0	First Environment, Inc.	1,934,327 t CO2e	<a href="https://acr2.apx.com/mymodule/reg/prjView.asp?id1=622">https://acr2.apx.com/mymodule/reg/prjView.asp?id1=622</a>
American Carbon Registry	ACR656	Whirlpool HFO Amana 656	Avoided Emissions	Industrial Process Emissions	Amana, Iowa, USA	Methodology for the Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use, V2.0	1/1/2019	1/1/2019 - 12/31/2029	ACR Standard, V7.0	First Environment, Inc.	2,149,053 t CO2e	<a href="https://acr2.apx.com/mymodule/reg/prjView.asp?id1=656">https://acr2.apx.com/mymodule/reg/prjView.asp?id1=656</a>
Climate Action Reserve	CAR429	McCloud River	Carbon Removal	Conservation-Based Forest Management	Shasta and Siskiyou Counties, California, USA	CAR Forest Project Protocol, V2.1	8/21/2006	1/1/2015 - 12/31/2017	Climate Action Reserve	SCS Global Services	85,657t CO2e	<a href="https://thereserve2.apx.com/mymodule/reg/prjView.asp?id1=429">https://thereserve2.apx.com/mymodule/reg/prjView.asp?id1=429</a>
Climate Action Reserve	CAR766	Terra Verdigris #2	Avoided Emissions	Nitric Acid N2O-Secondary Catalyst	Claremore, Oklahoma, USA	CAR Nitric Acid Production Project Protocol, V1.0	10/22/2008	10/22/2008 - 10/21/2018	Climate Action Reserve	Det Norske Veritas	76,492 t CO2e	<a href="https://thereserve2.apx.com/mymodule/reg/prjView.asp?id1=766">https://thereserve2.apx.com/mymodule/reg/prjView.asp?id1=766</a>
Clean Development Mechanism	CDM846	La Venta II	Avoided Emissions	Renewables - Wind	Oaxaca, Mexico	ACM0002: Grid-connected electricity generation from renewable sources, V14.0	7/1/2014	7/1/2014 - 7/30/2021	United Nations Framework Convention on Climate Change	AENOR INTERNACIONA L S.A.U.	164,634 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/AENOR116820494_5.7/view">https://cdm.unfccc.int/Projects/DB/AENOR116820494_5.7/view</a>
Clean Development Mechanism	CDM0107	BII NEE STIPA	Avoided Emissions	Renewables - Wind	Oaxaca, Mexico	ACM0002: Grid-connected electricity generation from renewable sources, V2.0	12/31/2008	12/31/2008 - 12/30/2018	United Nations Framework Convention on Climate Change	TÜV NORD CERT GmbH	309,979 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/AENOR112921379_1.04/view">https://cdm.unfccc.int/Projects/DB/AENOR112921379_1.04/view</a>
Clean Development Mechanism	CDM1343	Xiaoshan Power Plant's NG Power Generation Project of Zhejiang Southeast Electric Power Co., Ltd	Avoided Emissions	LNG Generation	Zhejiang Province, China	ACM0025: Construction of a new natural gas power plant, V2.0	3/26/2015	3/26/2015 - 3/25/2022	United Nations Framework Convention on Climate Change	TÜV NORD CERT GmbH	454,378 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/DNV-CUK1189665775.9_6/view">https://cdm.unfccc.int/Projects/DB/DNV-CUK1189665775.9_6/view</a>
Clean Development Mechanism	CDM1859	China Fujian Putian LNG Generation Project	Avoided Emissions	LNG Generation	Putian, Fujian Province, China	ACM0025: Construction of a new natural gas power plant, V1.0	1/14/2016	1/14/2016 - 1/13/2023	United Nations Framework Convention on Climate Change	TÜV NORD CERT GmbH	1,689,632 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/SGS-UKL1212510422.2/view">https://cdm.unfccc.int/Projects/DB/SGS-UKL1212510422.2/view</a>

Clean Development Mechanism	CDM2792	N2O abatement in HP Nitric Acid plants at Rashtriya Chemicals & Fertilizers Limited, India	Avoided Emissions	N2O Abatement	Maharashtra, India	AM0034: Catalytic reduction of N2O inside the ammonia burner of nitric acid plants, V3.0	12/20/2009	12/20/2009 - 12/16/2019	United Nations Framework Convention on Climate Change	Det Norske Veritas	447,305 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/DNV-CUK1248695616.14/view">https://cdm.unfccc.int/Projects/DB/DNV-CUK1248695616.14/view</a>
Clean Development Mechanism	CDM2801	N2O abatement in HP Nitric Acid plants at Rashtriya Chemicals & Fertilizers Limited, India	Avoided Emissions	N2O Abatement	Maharashtra, India	AM0034: Catalytic reduction of N2O inside the ammonia burner of nitric acid plants, V3.0	11/29/2009	11/29/2009 - 11/28/2016	United Nations Framework Convention on Climate Change	Det Norske Veritas	901,968 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/DNV-CUK1248762713.68/view">https://cdm.unfccc.int/Projects/DB/DNV-CUK1248762713.68/view</a>
Clean Development Mechanism	CDM3127	Culiacan Northern Landfill Gas Project	Avoided Emissions	Landfill Gas Capture	Culiacan, Mexico	ACM0001: Consolidated baseline and monitoring methodology for landfill gas project activities, V11.0	7/9/2010	7/9/2010 - 7/8/2020	United Nations Framework Convention on Climate Change	TÜV SÜD Industrie Service GmbH	42,746 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/TUEV-SUED1257789237.36/view">https://cdm.unfccc.int/Projects/DB/TUEV-SUED1257789237.36/view</a>
Clean Development Mechanism	CDM3307	Pingtou 180MW Hydropower Project in Sichuan Province	Avoided Emissions	Renewables - Hydropower	Sichuan Province, China	ACM0002: Consolidated methodology for grid-connected electricity generation from renewable sources, V11.0	5/1/2011	5/1/2011 - 4/30/2018	United Nations Framework Convention on Climate Change	ERM CVS	585,884 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/ERM-CVS1264080726.5/view">https://cdm.unfccc.int/Projects/DB/ERM-CVS1264080726.5/view</a>
Clean Development Mechanism	CDM4147	Guanacaste Wind Farm	Avoided Emissions	Renewables - Wind	Provincia de Guanacast, Costa Rica	ACM0002: Consolidated methodology for grid-connected electricity generation from renewable sources, V11.1	2/11/2011	2/11/2011 - 2/10/2021	United Nations Framework Convention on Climate Change	Det Norske Veritas	95,225 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/DNV-CUK1290767325.42/view">https://cdm.unfccc.int/Projects/DB/DNV-CUK1290767325.42/view</a>
Clean Development Mechanism	CDM4632	Burqin River Chonghuer Hydropower Project in Xinjiang Uygur Autonomous Region	Avoided Emissions	Renewables - Hydropower	Xinjiang Uygur Autonomous Region, P.R. China	ACM0002: Grid-connected electricity generation from renewable sources, V12.0	5/11/2013	5/11/2013 - 5/12/2018	United Nations Framework Convention on Climate Change	Japan Consulting Institute (JCI)	325,442 t CO2e	<a href="https://cdm.unfccc.int/Projects/DB/JCI1301554966.57/view">https://cdm.unfccc.int/Projects/DB/JCI1301554966.57/view</a>
CSA GHG Clean Projects	CSA1840-6051	J.B. Hunt Trucking Intermodal Project	Avoided Emissions	Intermodal Transportation	Continental United States	GHG Assertion of GHG Emission Reduction from JB Hunt's Intermodal Transport Project (October 2010)	1/10/2006	1/10/2006 - 9/30/2016	CSA GHG Clean Projects	Ruby Canyon Environmental	2,147,032 t CO2e	<a href="https://www.csaregistris.ca/GHG/VR_Listing/CleanProjectDetail?ProjectId=543">https://www.csaregistris.ca/GHG/VR_Listing/CleanProjectDetail?ProjectId=543</a>
CSA GHG Clean Projects	CSA3876-3354	Quantification of CO2 eq emission reductions from slag-based recycling operations by Les Matériaux Harsco	Avoided Emissions	Waste Diversion	Quebec, Canada	Solid Waste Management and Greenhouse Gases: A Life-Cycle Assessment of Emissions and Sinks, EPA	10/23/2003	10/23/2003 - 12/31/2023	CSA GHG Clean Projects	Carbon Quantum Inc	148,565 t CO2e	<a href="https://www.csaregistris.ca/GHG/VR_Listing/CleanProjectDetail?ProjectId=523">https://www.csaregistris.ca/GHG/VR_Listing/CleanProjectDetail?ProjectId=523</a>

CSA GHG Clean Projects	CSA4061-9686	Destruction of ozone depleting substances used as refrigerants removed from refrigeration, freezer and air-conditioning appliances	Avoided Emissions	ODS Destruction	Quebec, Canada	Protocol 3: Destruction of Ozone Depleting Substances Contained in Insulating Foam or Used as Refrigerants Removed From Refrigeration, Freezer and Air conditioning Appliances of the Regulation respecting a cap-and-trade system for greenhouse gas emission allowances (SPEDE), Quebec Government	8/11/2009	8/11/2009 - 2/3/2011	CSA GHG Clean Projects	Enviro-access inc.	81,416 t CO2e	<a href="https://www.csarregistries.ca/GHGVR_Listing/CleanProjectDetail?ProjectId=603">https://www.csarregistries.ca/GHGVR_Listing/CleanProjectDetail?ProjectId=603</a>
Gold Standard	GS413	Improved Household Charcoal Stoves In Ghana	Avoided Emissions	Energy Efficiency - Public Sector	Ghana, Africa	GS Methodology for Improved Cook stoves and Kitchen Regimes, V1.0	8/31/2007	8/31/2007 - 8/31/2017	Gold Standard	Det Norske Veritas	65,563 t CO2e	<a href="https://registry.goldstandard.org/projects/details/705">https://registry.goldstandard.org/projects/details/705</a>
Gold Standard	GS414	Improved Household Charcoal Stoves In Mali	Avoided Emissions	Energy Efficiency - Public Sector	Mali, Africa	GS Methodology for Improved Cook stoves and Kitchen Regimes, V1.0	11/27/2007	11/27/2007 - 11/26/2017	Gold Standard	Det Norske Veritas	72,112 t CO2e	<a href="https://registry.goldstandard.org/projects/details/706">https://registry.goldstandard.org/projects/details/706</a>
Markit Environmental Registry	MIT10400000026346	Wester Coshieville – New Native Woodland	Carbon Removal	Reforestation	Angus, Grandtully, Scotland	Forest Carbon Group Scheme 8	N/A	N/A	UK Woodland Carbon Code	HIS Markit	8,943 t CO2e	<a href="https://mer.markit.com/br-reg/public/master-project.jsp?project_id=103000000017153">https://mer.markit.com/br-reg/public/master-project.jsp?project_id=103000000017153</a>
VERRA	VRA10	BAESA Project	Avoided Emissions	Renewables - Hydropower	Rio Grande do Sul and Santa Catarina, Brazil	ACM0002: Grid-connected electricity generation from renewable sources, V17.0	1/1/2006	1/1/2006 - 12/31/2015	Verified Carbon Standard	Earthood Services Private Limited	608,686 t CO2e	<a href="https://registry.verra.org/app/projectDetail/VCS/10">https://registry.verra.org/app/projectDetail/VCS/10</a>
VERRA	VRA1077	Cerro de Hula Wind Project	Avoided Emissions	Renewables - Wind	Energia Eolica de Honduras, S.A.	ACM0002: Consolidated baseline methodology for grid-connected electricity generation from renewable sources, V12.2.0	4/24/2012	4/24/2012 - 4/23/2022	Verified Carbon Standard	TÜV NORD CERT GmbH	226,978 t CO2e	<a href="https://registry.verra.org/app/projectDetail/VCS/1077">https://registry.verra.org/app/projectDetail/VCS/1077</a>
VERRA	VRA1111	PER 1 and PER 2 Wind Power Plants (UMBRELLA PROJECT)	Avoided Emissions	Renewables - Wind	Patagonia region, Chubut Province, Argentina	ACM0002: Consolidated baseline methodology for grid-connected electricity generation from renewable sources, V13.0	1/1/2013	1/1/2013 - 12/31/2019	Verified Carbon Standard	TÜV Rheinland (China) Ltd a	189,429 t CO2e	<a href="https://registry.verra.org/app/projectDetail/VCS/1111">https://registry.verra.org/app/projectDetail/VCS/1111</a>

VERRA	VRA1446	Sichuan Furong Coal Mine Methane Utilization Project	Avoided Emissions	Methane Gas Capture	Sichuan, China	ACM0008: Abatement of methane from coal mines, V4.0	4/16/2010	4/16/2010 - 4/15/2020	Verified Carbon Standard	China Classification Society Certification Co., Ltd.	215,387 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/1446">https://registry.veerra.org/app/projectDetail/VCS/1446</a>
VERRA	VRA1811	Jari/Pará REDD+ Project	Avoided Emissions	REDD+	Pará State, Brazil	VM0015: Methodology for Avoided Unplanned Deforestation, v1.1	7/8/2014	7/8/2014 - 7/7/2044	Verified Carbon Standard	RINA Services S.p.A. (RINA)	525,314 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/1811">https://registry.veerra.org/app/projectDetail/VCS/1811</a>
VERRA	VRA222	Rossenray, Utilization of Coal-Mine-Methane	Avoided Emissions	Methane Gas Capture	Germany	N/A	N/A	N/A	Verified Carbon Standard	TÜV NORD CERT GmbH	33,170 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/222">https://registry.veerra.org/app/projectDetail/VCS/222</a>
VERRA	VRA2333	Landfill Gas Recovery and Flaring Project in El Verde Landfill Leon	Avoided Emissions	Landfill Gas Capture	El Verde Landfill, León, Mexico	ACM0001: Consolidated baseline and monitoring methodology for landfill gas project activities, V10	10/27/2010	10/27/2010 - 10/26/2017	Verified Carbon Standard	TÜV NORD CERT GmbH	177,705 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/2333">https://registry.veerra.org/app/projectDetail/VCS/2333</a>
VERRA	VRA2404	Reforestation of degraded land by MTPL in India	Carbon Removal	ARR - Reforestation	Odisha, Andhra Pradesh and Chhattisgarh, India	AR-ACM0001: Agriculture Forestry and Other Land Use - ARR	6/25/2001	6/25/2001-6/24/2031	Verified Carbon Standard	TÜV NORD JI/CDM Certification Program	146,998 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/2404">https://registry.veerra.org/app/projectDetail/VCS/2404</a>
VERRA	VRA334	Methane Recovery Project Cleanergy Wanroij, North Brabant, The Netherlands	Avoided Emissions	Methane Gas Capture	North Brabant, The Netherlands	AMS III.D: Methane recovery in agricultural and agro-industrial activities, V11; AMS I.C: Thermal energy for the user with or without electricity, V21	5/1/2006	5/1/2006 - 4/30/2016	Verified Carbon Standard	AENOR INTERNACIONAL S.A.U.	9,643 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/334">https://registry.veerra.org/app/projectDetail/VCS/334</a>
VERRA	VRA335	Methane Recovery Project Cleanergy Wanroij, North Brabant, The Netherlands	Avoided Emissions	Methane Gas Capture	North Brabant, The Netherlands	AMS III.D: Methane recovery in agricultural and agro-industrial activities, V11; AMS I.C: Thermal energy for the user with or without electricity, V9	5/1/2006	5/1/2006 - 4/30/2016	Verified Carbon Standard	AENOR INTERNACIONAL S.A.U.	18,021 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/335">https://registry.veerra.org/app/projectDetail/VCS/335</a>
VERRA	VRA844	Madre de Dios Amazon REDD+ Project	Avoided Emissions	REDD+	Tahuamanu, Brazil	, VM0007: REDD+ Methodology Framework, V1.2	1/1/2009	1/1/2009 - 12/31/2046	Verified Carbon Standard	Rainforest Alliance, Inc. (Rainforest Alliance)	659,793 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/844">https://registry.veerra.org/app/projectDetail/VCS/844</a>
VERRA	VRA981	Pacajai REDD+ Project	Avoided Emissions	REDD+	Para, micro region of Portel, Brazil	VM0015: REDD+ Methodology Framework	1/1/2009	1/1/2009 - 12/31/2047	Verified Carbon Standard	EPIC Sustainability Services Pvt. Ltd	264,116 t CO2e	<a href="https://registry.veerra.org/app/projectDetail/VCS/981">https://registry.veerra.org/app/projectDetail/VCS/981</a>

