

O Sun God, Savitr!
Thou dazzling fount of life-persuasive light!
Sublimest mystery speeding from afar!
Swift became that burst too potent on the sight!
This radiant type of strength and youth!
Glowing eternally!

He alone shines!
All luminaries get illuminated by His Illumination!
The whole Universe is enlightened by His light!
— Kathopanisad



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మన సంస్కృతి

Mana Sanskriti (Our Culture)

Chief Editor: Dr. Sreenivasarao Vepachedu, Esq.

May the golden-eyed Savitar come hither!
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— Rig Veda, vii, 65

ॐ भूर्भुवः स्वः तत्सवितुर्वरेण्यं भर्गो देवस्य धीमहि धियो यो नः प्रचोदयात्॥

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Issue: 233

Dr. Sreenivasarao Vepachedu¹

GELOTOPHOBIA AND RETREAT OF AMERICA (Globalization and Paris Agreement Without America)



Origin of Environmental Science: [For more than 5000 years, environmental protection and balance enshrined in the Vedas have been practiced and respected in the Indian Continent².](#)

The US has influenced and forced the world into globalization and Paris Agreement, and both will go on with the continued participation of American States, American Governors, American Mayors, and American People.

INTRODUCTION

The ancient Indian (Hindu) sacred literature of the Vedas enshrines a holistic and poetic cosmic vision. They represent the oldest, the most carefully nurtured, the most elaborately systematized and the most lovingly preserved oral tradition in the annals of the world. Unique in their perspective of time and space, their evocative poetry is a joyous and spontaneous affirmation of life and nature. The Vedas are the first texts in the library of mankind. They are universally acknowledged to be the most precious Human Heritage, included in the [Memory of the World Register in 2007](#), Inscriptions of [the Documentary Heritage in 2007](#), United Nations Educational, Scientific and Cultural Organization (UNESCO).

The Vedic Hymn to the Earth, the *Prithvi Sukta* in *Atharva Veda*, is the oldest environmental invocation, wherein the Vedic seer solemnly declares the enduring filial allegiance of humankind to Mother Earth. Mother Earth is celebrated for all her natural bounties and particularly for her gifts of herbs and vegetation. Her blessings are sought for prosperity in all endeavors and fulfilment of all righteous aspirations. A covenant is made that humankind shall secure the Earth against all environmental trespass and shall never let her be oppressed³.



162 INDC Submissions To Date, Including the USA

माता भूमि पुत्रोहं पृथिव्या: (Earth is my mother, I am her offspring).

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विश्वस्वं मातरमोषधीनां ध्रुवां भूमिं पृथिवीं धर्मणा धृताम् । शिवां स्योनामनु चरेम विश्वहा ॥ (The Herbs Which Are Like Mothers Of The World Grow On The Earth, Held By Dharma, And In Which Auspiciousness Gently Pervades Throughout The World).

गिरयस्ते पर्वता हिमवन्तोऽरण्यं ते पृथिवि स्योनमस्तु । बभ्रुं कृष्णां रोहिणीं विश्वरूपां ध्रुवां भूमिं पृथिवीमिन्द्रगुप्ताम् । अजीतेऽहतो अक्षतोऽध्यष्ठां पृथिवीमहम् ॥ (O Mother Earth, May Your Hills and Snow-Clad Mountains Spread Coolness Within Us; May Your Forests Spread Their Delight Within Us, You Present A Vishwarupa With Your Many Colors – Brown, Blue, Red; But Behind All These Enchanting Appearances, O Mother Earth, You Are Firm and Immovable; And You Are Protected By Indra, On Your Firm Foundation Which is Free, Live, and Whole, I Stand Firm And Whole, O Mother).

“dyauḥ śāntirantarīkṣan śanti prīthivī śāntirāpaḥ śāntiṛoṣadhayaḥ vanaspatayaḥ śāntiviswadevah śāntibrahma śāntiḥ sarva śāntiḥ śāntireva śāntiḥ sā mā śntiredhi”

“Let there be balance in the space! Let there be balance in the sky! Let there be peace on the earth!
Let there be calmness Let there be! Let there be growth in the plants ! Let there be growth in the tree!
Let there be grace in the Gods! Let there be bliss in the Brahman ! Let there be balance in everything!
Let there be peace and peace! Let such peace be with every one of us!” (Sukla Yajurveda 36-17)

PARIS AGREEMENT

At Paris, on 12/12/2015, the Paris Agreement was signed by 196 Parties to the United Nations Framework Convention on Climate Change (UNFCCC), with a clause that at any time after three years from the date on which this Agreement has entered into force for a Party, that Party may withdraw from this Agreement by giving written notification to the Depositary. Any such withdrawal shall take effect upon expiry of one year from the date of receipt by the Depositary of the notification of withdrawal, or on such later date as may be specified in the notification of withdrawal. Any Party that withdraws from the Convention shall be considered as also having withdrawn from this agreement⁴.

On 5 October 2016, the threshold for entry into force of the Paris Agreement was achieved. The Paris Agreement entered into force on 4 November 2016. The first session of the Conference of the Parties serving as the Meeting of the Parties to the Paris Agreement (CMA 1) took place in Marrakech, Morocco from 15-18 November 2016. As of today, 147 Parties have ratified of 197 Parties to the Convention⁵.

With the adoption of the Paris Agreement in December 2015, the world took a decisive step toward avoiding the most dangerous impacts of climate change. The Paris Agreement aims to hold the increase in the global average temperature to well below 2°C above pre-industrial levels and pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels. Consistent with this objective, Parties aim to balance GHG emissions sources and sinks in the second half of this century or, in effect, achieve net-zero global GHG emissions. Countries have submitted near-term targets to address GHG emissions, called “nationally determined contributions” or NDCs, and will review and extend these targets every five years. The Paris Agreement further invited countries to develop by 2020 “mid-century, long-term low greenhouse gas emission development strategies⁶.”

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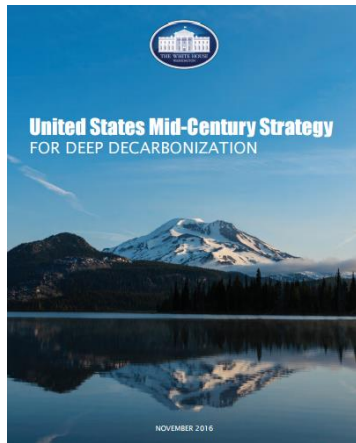
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Today, the United Nations Framework Convention on Climate Change (UNFCCC) has near-universal membership, with the 197 countries that have ratified the Convention, called Parties to the Convention.

ROLE OF AMERICA IN THE WORLD

The United States Mid-Century Strategy FOR DEEP DECARBONIZATION¹ states:



"In the 1800s, scientists discovered that carbon dioxide (CO₂) and other heat-trapping gases in the atmosphere affect Earth's temperature through "the greenhouse effect." By 1957, careful measurements confirmed that CO₂ concentrations in the atmosphere and global temperatures were gradually increasing in tandem. By the turn of the 21st century, overwhelming scientific evidence had documented the existence and cause of global warming—the climate is changing at a rate not seen before by human civilization, caused by releases of CO₂ and other greenhouse gases (GHGs) from human activities such as the burning of fossil fuels and clearing of forests and grasslands.

Recognizing the need for global action, countries around the world came together at the First World Climate Conference in 1979, calling on all governments "to foresee and prevent potential man-made changes in climate that might be adverse to the wellbeing of humanity." In 1992,

countries adopted an international treaty, the United Nations Framework Convention on Climate Change (UNFCCC), with the objective of "stabilization of greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system."

Human activities, particularly CO₂ emissions from fossil fuel combustion, have driven atmospheric greenhouse gas (GHG) concentration levels higher than at any time in at least 800,000 years (IPCC 2013). As a result, the Earth has warmed at an alarming rate over the past century, with average temperatures increasing by more than 0.8°C (1.5°F) (NCA 2014). The consequences are already severe. Heat waves and droughts are more common, wildfire seasons are longer and fires larger and more costly, and extreme weather is becoming more intense and unpredictable. Left unchecked, from 2000 to 2100, global average temperature increases of 2 to 5°C (3.6 to 9°F) and sea level rise of two to four feet are likely, and much larger increases are possible (USGCRP 2014, IPCC 2013). Climate change will reduce long-run economic growth and jeopardize national security.

Strong international action and coordination on climate change will directly benefit Americans and the global community in multiple ways, including reducing the costs of deep decarbonization and creating economic opportunities for US businesses and entrepreneurs. Economists have long pointed to the benefits of internationally linked decarbonization policies in minimizing mitigation costs and maximizing advantageous trade opportunities, but ambitious domestic actions implemented separately by all countries will provide crucially important benefits as well, including (1) accelerating innovation in clean technologies and (2) avoiding emissions leakage.

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The United States is working closely with allies outside of North America as well. This includes a series of technical exchanges on mid-century strategies with China, the world's most populous country and largest emitter of GHGs. In a joint outcomes document with the United States in September 2016, China announced it will publish its own MCS as soon as possible. India, another major emerging economy and GHG emitter, has also committed to developing an MCS. Germany has similarly engaged in robust long-term modeling and agenda-setting with its "Climate Action Programme 2020" document, released in 2014, which lays out a strategy for Germany's contribution to the EU-wide goal to reduce emissions 80 to 95 percent by 2050. Germany is also submitting its MCS to the UNFCCC in November 2016. Other countries like Norway and the United Kingdom are carrying out similar analysis. We expect and encourage more countries to take up the Paris Agreement invitation to develop these midcentury strategies. While every country has unique situations to consider, the U.S. MCS can serve as an example for other nations as they develop mid-century strategies, and the United States stands ready to share its experiences and engage with other nations in developing ambitious, rigorous, and transparent mid-century strategies."

THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE (UNFCCC)



United Nations
Framework Convention on
Climate Change

The UNFCCC entered into force on 21 March 1994, when there was less scientific evidence than there is now. The UNFCCC borrowed a very important line from one of the most successful multilateral environmental treaties in history is the Montreal Protocol, in 1987 which bound member states to act

in the interests of human safety even in the face of scientific uncertainty. The ultimate objective of the Convention is to stabilize greenhouse gas concentrations "at a level that would prevent dangerous anthropogenic (human induced) interference with the climate system." It states that "such a level should be achieved within a time-frame sufficient to allow ecosystems to adapt naturally to climate change, to ensure that food production is not threatened, and to enable economic development to proceed in a sustainable manner."

Adaptation to the adverse effects of climate change is vital in order to respond to the impacts of climate change that are already happening, while at the same time prepare for future impacts. These webpages explain the activities being undertaken on adaptation under the UNFCCC. Successful adaptation not only depends on governments but also on the active and sustained engagement of stakeholders including national, regional, multilateral and international organizations, the public and private sectors, civil society and other relevant stakeholders.

The Convention acknowledges the vulnerability of all countries to the effects of climate change and calls for special efforts to ease the consequences, especially in developing countries which lack the resources to do so on their own. Industrialized countries are the source of most past and current greenhouse gas emissions, therefore, they are expected to do the most to cut emissions on home ground. All industrialized nations agreed under the Convention to support climate change activities in developing countries by providing financial support for action on climate change-- above and beyond any financial assistance they already provide to these countries. A system of grants and loans has been set up through

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the Convention and is managed by the Global Environment Facility. Industrialized countries also agree to share technology with less-advanced nations.

The twenty-first session of the Conference of the Parties (COP), convened pursuant to Article 7, paragraph 4, of the Convention, was opened at the United Nations Climate Change Conference, Paris–Le Bourget, France, on 30 November 2015 by Mr. Manuel Pulgar-Vidal (Peru), President of COP 20. Mr. Pulgar-Vidal delivered an opening statement. The session in Paris was attended by representatives of 196 Parties to the Convention, as well as representatives of 2 observer States, 56 United Nations bodies and programs, convention secretariats, specialized agencies and institutions, and related organizations of the United Nations system, as listed in annex I. The session was also attended by representatives of 71 IGOs and representatives of 1,109 NGOs, as listed in document FCCC/CP/2015/INF.3⁸.

In accordance with Article 21, paragraph 1, of the Paris Agreement, the Agreement shall enter into force on the thirtieth day after the date on which at least 55 Parties to the Convention accounting in total for at least an estimated 55 % of the total global greenhouse gas emissions have deposited their instruments of ratification, acceptance, approval or accession with the Depositary⁹. On 5 October 2016, the threshold for entry into force of the Paris Agreement was achieved. The Paris Agreement entered into force on 4 November 2016, thirty days after the date on which at least 55 Parties to the Convention accounting in total for at least an estimated 55 % of the total global greenhouse gas emissions have deposited their instruments of ratification, acceptance, approval or accession with the Depositary¹⁰. As of today, of 197 Parties to the Convention, 147 Parties have ratified¹¹ by depositing an instrument of ratification, acceptance, approval or accession, and are therefore considered to have satisfied the provisions of 1/CP.21, paragraph 22¹². The INDCs of these Parties are available on the INDC platform¹³. The Conference of the Parties (COP), by its decision 1/CP.21 ('Adoption of the Paris Agreement')¹⁴, decided on activities and tasks to be undertaken by various bodies.

The Paris Agreement, in enhancing the implementation of the Convention, including its objective, aims to strengthen the global response to the threat of climate change, in the context of sustainable development and efforts to eradicate poverty, including by:

- (a) Holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change;
- (b) Increasing the ability to adapt to the adverse impacts of climate change and foster climate resilience and low greenhouse gas emissions development, in a manner that does not threaten food production; and
- (c) Making finance flows consistent with a pathway towards low greenhouse gas emissions and climate-resilient development.

This Agreement will be implemented to reflect equity and the principle of common but differentiated responsibilities and respective capabilities, in the light of different national circumstances. The efforts of all Parties will represent a progression over time, while recognizing the need to support developing country Parties for the effective implementation of this Agreement.

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A mechanism to contribute to the mitigation of greenhouse gas emissions and support sustainable development is hereby established under the authority and guidance of the Conference of the Parties serving as the meeting of the Parties to this Agreement for use by Parties on a voluntary basis. It shall be supervised by a body designated by the Conference of the Parties serving as the meeting of the Parties to this Agreement, and shall aim:

- (a) To promote the mitigation of greenhouse gas emissions while fostering sustainable development;
- (b) To incentivize and facilitate participation in the mitigation of greenhouse gas emissions by public and private entities authorized by a Party;
- (c) To contribute to the reduction of emission levels in the host Party, which will benefit from mitigation activities resulting in emission reductions that can also be used by another Party to fulfil its nationally determined contribution; and
- (d) To deliver an overall mitigation in global emissions.

Parties recognize the importance of integrated, holistic and balanced non-market approaches being available to Parties to assist in the implementation of their nationally determined contributions, in the context of sustainable development and poverty eradication, in a coordinated and effective manner, including through, inter alia, mitigation, adaptation, finance, technology transfer and capacity building, as appropriate.

These approaches shall aim to:

- (a) Promote mitigation and adaptation ambition;
- (b) Enhance public and private sector participation in the implementation of nationally determined contributions; and
- (c) Enable opportunities for coordination across instruments and relevant institutional arrangements.

Accordingly, areas of cooperation and facilitation to enhance understanding, action and support may include:

- (a) Early warning systems;
- (b) Emergency preparedness;
- (c) Slow onset events;
- (d) Events that may involve irreversible and permanent loss and damage;
- (e) Comprehensive risk assessment and management;
- (f) Risk insurance facilities, climate risk pooling and other insurance solutions;
- (g) Non-economic losses; and
- (h) Resilience of communities, livelihoods and ecosystems.

Intended Nationally Determined Contributions (INDCs)¹⁵ to be communicated by each Party to the UNFCCC secretariat by contacting the secretariat at INDCs@unfccc.int., in a manner that facilitates the clarity, transparency and understanding of the INDCs.

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Emission reductions resulting from the mechanism referred to in the above paragraph shall not be used to demonstrate achievement of the host Party's nationally determined contribution if used by another Party to demonstrate achievement of its nationally determined contribution.

INDCs to be communicated by each Party through the Party's national focal point for climate change. INDCs to be communicated well in advance of COP 22 in Marrakesh (1/CP.21 para.13). The COP, by its decision 1/CP 21, paragraph 35, invited Parties to communicate, by 2020, to the secretariat mid-century, long-term low greenhouse gas emission development strategies¹⁶ in accordance with Article 4, paragraph 19, of the Agreement¹⁷.

AMERICA¹⁸: As the world's largest economy and second largest GHG emitter, the United States plays an important role in the global response to climate change. The United States has set targets to reduce GHG emissions in the range of 17 percent in 2020 and 26-28 percent in 2025, with both goals defined relative to 2005 levels. As described in the US Second Biennial Report (DOS 2016), the United States is on track to achieve its 2020 target and has laid the foundation for achieving its 2025 target. Individual US states have also taken important actions to reduce GHG emissions, such as California's economy-wide Global Warming Solutions Act and the nine-state Regional Greenhouse Gas Initiative that addresses power sector emissions in the Northeast, as well as renewable portfolio standards in 29 states and energy efficiency resource standards in 20 states.

In 2009, the United States joined the "Group of Eight" nations in calling for global emissions reductions of 50 percent by 2050, including reductions of 80 percent or more by developed countries. The US NDC to the Paris Agreement noted that a 26-28 percent reduction in 2025 is consistent with a straight-line emissions reduction pathway to economy-wide emission reductions of 80 percent or more by 2050. In keeping with these previously stated objectives, the United States boldly presented THE UNITED STATES MID-CENTURY STRATEGY (USMCS) that envisions economy-wide net GHG emissions reductions of 80% or more below 2005 levels by 2050.

Achieving deep economy-wide net GHG emissions reductions will require three major categories of action:

- Transitioning to a low-carbon energy system, by cutting energy waste, decarbonizing the electricity system and deploying clean electricity and low carbon fuels in the transportation, buildings, and industrial sectors;
- Sequestering carbon through forests, soils, and CO2 removal technologies, by bolstering the amount of carbon stored and sequestered in U.S. lands ("the land sink") and deploying CO2 removal technologies like carbon beneficial bioenergy with carbon capture and storage (BECCS), which can provide "negative emissions"; and
- Reducing non-CO2 emissions, such as methane, nitrous oxide, and fluorinated gases, which result mainly from fossil fuel production, agriculture, waste, and refrigerants

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Mana Sanskriti (Our Culture)
 Chief Editor: Dr. Sreenivasarao Vepachedu, Esq.

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THE UNITED STATES PROVIDED USD 1 BILLION TO DATE TO THE GREEN CLIMATE FUND:

Status of Pledges for GCF's Initial Resource Mobilization (IRM) as of 2 June 2017

Calculated on basis of reference exchange rates established for GCF's High-Level Pledging Conference (GCF/BM-2015/Inf.01)

("In millions")

Governments	Pledges					Grant Equivalent'			
	Announced		Signed	Disbursed Cash and Deposited PNs	Announced Per Capita	of Pledged Amount	of Signed Amount	of Pledged Amount	
	In Currency"	USD eq.***	USD eq.***	In Currency"	USD eq.***	USD eq.***	USD eq.***	Current FX**	
Amounts Announced, Signed, and Disbursed									
Australia	AUD	200.7	187.6	187.6	130.7	7.92	187.6	187.6	149.1
Austria	EUR	26.0	34.8	34.8	14.0	4.09	34.8	34.8	29.2
Belgium	EUR	50.0	66.9	66.9	50.0	6.22	66.9	66.9	56.2
Belgium (Brussels Capital Regi	EUR	3.6	4.8	4.8	3.6	1.30	4.8	4.8	4.0
Belgium (Flanders)	EUR	9.8	13.0	13.0	9.8	0.70	13.0	13.0	11.0
Belgium (Wallonia) (1)	USD	1.5	1.5	1.5	1.5	3.00	1.5	1.5	1.5
Belgium (Wallonia) (2)	EUR	7.0	9.4	9.4	7.0		9.4	9.4	7.9
Bulgaria	EUR	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1
Canada (Grant)	CAD	168.0	155.1	155.1	168.0		155.1	155.1	124.4
Canada (Loan)	CAD	110.0	101.6	101.6	-	7.80	20.0	20.0	16.1
Canada (Cushion)	CAD	22.0	20.3	20.3	-		-	-	-
Chile	USD	0.3	0.3	0.3	0.3	0.02	0.3	0.3	0.3
Colombia	USD	0.3	0.3	0.3	0.3	0.12	0.3	0.3	0.3
Cyprus	EUR	0.4	0.5	0.5	-	0.40	0.5	-	0.4
Czech Republic	CZK	110.0	5.3	5.3	110.0	0.50	5.3	5.3	4.7
Denmark	DKK	400.0	71.8	71.8	250.0	12.82	71.8	71.8	60.5
Estonia	EUR	1.0	1.3	1.3	1.0	1.00	1.3	1.3	1.1
Finland	EUR	34.7	46.4	46.4	34.7	19.82	46.4	46.4	39.0
France (Grant)	EUR	432.0	577.9	577.9	247.4		577.9	577.9	485.7
France (Loan)	EUR	285.0	381.3	381.3	-	16.03	105.1	105.1	88.3
France (Cushion)	EUR	57.0	76.3	76.3	-		-	-	-
France (Paris)	EUR	1.0	1.3	1.3	0.3	0.10	1.3	1.3	1.1
Germany	EUR	750.0	1,003.3	1,003.3	375.0	12.13	1,003.3	1,003.3	843.3
Hungary	HUF	1,000.0	4.3	4.3	1,000.0	0.40	4.3	4.3	3.6
Iceland	USD	0.5	0.5	0.5	0.5	0.50	0.3	0.3	0.5
Indonesia	USD	0.3	0.3	0.3	0.2	0.00	0.3	0.3	0.3
Ireland	EUR	2.0	2.7	2.7	2.0	0.59	2.7	2.7	2.2
Italy	EUR	200.0	267.5	267.5	100.0	5.47	267.5	267.5	224.9
Japan	JPY	154,028.7	1,500.0	1,500.0	77,014.2	11.81	1,500.0	1,500.0	1390.4
Latvia	EUR	0.4	0.5	0.5	0.4	0.23	0.5	0.5	0.4
Liechtenstein	CHF	0.1	0.1	0.1	0.1	1.50	0.1	0.1	0.1
Lithuania	EUR	0.1	0.1	0.1	0.1	0.04	0.1	0.1	0.1
Luxembourg	EUR	25.0	33.4	33.4	20.0	93.60	33.4	33.4	28.1
Malta	EUR	0.2	0.2	0.2	0.2	0.20	0.2	0.2	0.2
Mexico	USD	10.0	10.0	10.0	10.0	0.08	10.0	10.0	10.0
Monaco	EUR	1.0	1.3	1.3	1.0	8.80	1.3	1.3	1.1
Netherlands	EUR	100.0	133.8	133.8	34.0	7.96	133.8	133.8	112.4
New Zealand	NZD	3.0	2.6	2.6	3.0	0.56	2.6	2.6	2.1
Norway	NOK	1,600.0	257.9	257.9	800.0	50.56	257.9	257.9	189.3
Panama	USD	1.0	1.0	1.0	1.0	0.26	1.0	1.0	1.0
Poland	PLN	0.4	0.1	0.1	0.4	0.00	0.1	0.1	0.1
Portugal	EUR	2.0	2.7	2.7	2.0	0.30	2.7	2.7	2.2
Republic of Korea	USD	100.0	100.0	100.0	36.7	2.02	100.0	100.0	100.0
Romania	EUR	0.1	0.1	0.1	0.1	0.00	0.1	0.1	0.1
Spain	EUR	120.0	160.5	160.5	17.0	3.40	160.5	160.5	134.9
Sweden	SEK	4,000.0	581.2	581.2	4,000.0	60.54	581.2	581.2	460.4
Switzerland	USD	100.0	100.0	100.0	100.0	12.20	100.0	100.0	100.0
United Kingdom	GBP	720.0	1,211.0	1,211.0	401.7	19.07	1,211.0	1,211.0	928.1
United States of America	USD	3,000.0	3,000.0	3,000.0	1,000.0	9.30	3,000.0	3,000.0	3,000.0
Total			10,132.7	10,132.7			9,678.3	9,677.8	8,616.8

8. USA: Subject to the availability of funds. USD 1 billion provided to date

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GELOTOPHOBIA

Despite showing the above leadership, the United States decided to sit back and let the rest of the world go ahead on its own, today. President Trump said, “We don’t want other leaders and other countries laughing at us anymore¹⁹.” This is called gelotophobia.

The idea that laughter and humor have a certain relation to aggression or the feeling of superiority has its roots in early notions by Plato, Aristotle, and Hobbes. These ideas are the basis for research on the relationship between humor appreciation and more or less aggressive humorous stimuli. Gelotophobia, the pathological fear of appearing to social partners as a ridiculous object, a type of social phobia, the fear of being laughed at without obvious reasons. The fear of being laughed at varies tremendously among adults and might hold a key to understanding certain forms of humorlessness²⁰. Gelotophobia may be considered as a specific variant of shame-bound anxiety²¹. Gelotophobes tended to remember more events of having been ridiculed by their father²². Observations of several emotion-related concomitants of gelotophobia suggested that gelotophobic individuals may be inapt or insecure with regard to the habitual use of certain emotion-related skills, with a high degree of emotional contagion of negative moods²³. Gelotophobes were shown to experience fear and shame to a higher degree and for a longer duration and to simultaneously have less intense and shorter experiences of happiness. Gelotophobes were shown to be less cheerful and to characterize their humor style as inept, socially cold, and mean-spirited. Although gelotophobia can be well located in and predicted by established personality variables, not all of the variance is accounted for by personality²⁴.

Within the framework of social interaction, gelotophobia relates experiences of being bullied to the fear of being laughed at. Gelotophobia has been studied with regard to emotions, virtuousness, intelligence, humor, and the recollected frequency of having been laughed at. Furthermore, the universal existence of the fear of being laughed at was substantiated in a cross-cultural study involving 73 nations²⁵. Gelotophobes are unable to differentiate between playful teasing and mean-spirited ridicule, and experience negative emotions, not only to mean-spirited ridicule but also to good-natured teasing. Gelotophobes have the suspicion of having been laughed at even in harmless, non-threatening good-natured situations. Thus, gelotophobes misinterpret laughter-related situations and interpreted laughter in ambiguous situations to be of a derogatory nature. Gelotophobes tend to have lower self-estimations of their own abilities and underestimate their true ability, i.e., inferiority complex- a feeling of general inadequacy caused by actual or supposed inferiority in one sphere, sometimes marked by aggressive behavior in compensation²⁶. Thus, gelotophobes are the ones raising false alarms of being laughed at, mediated by a personal sense of shame. Clearly there is a relation between the experienced emotions in teasing and ridicule-type scenarios and the self-reported status of being a victim of bullying²⁷.

In observations from clinical practice, the origin of gelotophobia, the fear of being laughed at, was traced back to traumatizing experiences of being laughed at in childhood. Gelotophobes may avoid contact with peers in puberty to avoid being teased by them. Ridiculed by their parents or teachers, or repeated and intense experiences of being laughed at in childhood and youth (e.g., bullying at school) and/or repeated intense experiences of being ridiculed during adolescence and adulthood (e.g., mobbing/bullying at work) are the more direct factors leading to the development of gelotophobic symptoms²⁸.

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Gelotophilia is the joy of being laughed at and katagelasticism is the joy of laughing at others. Gelotophobia and katagelasticism lead to sensitivity to aggression in humor, which fits the overt behavior of gelotophobic reacting sensitively towards laughter and katagelasticism enjoying to laugh at others²⁹.

In the case of gelotophobes within the workplace, the emphasis should be on offering counselling to them, to help them develop an understanding of the context of humor³⁰.

WORLD DOES NOT REVOLVE AROUND YOU

By assuming that the world revolves around oneself is seductive in the way that it makes insignificant people feel very important. The ego wants to play this game, but you are bound to make your life miserable, unnecessarily hard and difficult. What about really powerful, rich and very significant people? Does the world revolve around them? To a large extent, it does because of the significance of their contribution to the society and/or charisma. These entities of power also become miserable because they are the center of attention, with or without the ego that drives them to assume the center stage in the world. The world doesn't revolve around you, you know³¹! But, such is the fate of America – Manifest Destiny³². Like it or not, until recently America was the worst polluter in the world, but America runs the world and the world runs around it³³.



Added to that responsibility of globalizing, democratizing, and policing the world, now we have the

COUNTRIES THAT JOINED THE PARIS CLIMATE AGREEMENT



gelotophobia affecting our leadership and perception - which was unheard of before – Americans are extroverted strongly believing in the concept of individualism, without gelotophobia - any fear of being laughed at. They consider themselves to be separate individuals who are in control of their own lives, rather than members of a close-knit, interdependent family, religious group, tribe, nation, or other group, without gelotophobia - any fear of being laughed at³⁴. Americans smile a lot and talk easily to strangers, sharing personal stories. Many people, especially teenagers, wear strange clothes, and many have tattoos and body piercings, without gelotophobia - any fear

of being laughed at³⁵. Americans are known for speaking up and generally going after what they want, without gelotophobia - any fear of being laughed at³⁶. Americans can be very direct and honest, even though it may seem rude to people from another culture³⁷. Our modern American culture has placed on greatness and extroverts, there is no room for introverts and gelotophobes- people with fear of being laughed at.

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As we retreat from the world stage due to our uncharacteristic gelotophobia that we don't want other leaders and other countries laughing at us anymore - does the world stop revolving around the sun? Of course not. Life goes on. World moves on with or without the US and the peace that is supposed to be established in the world by the power of the US –Pax Americana³⁸.

What does the Paris climate deal look like without the United States? America leaves and then what is left? Are we doomed! The rest of the world and it moves on³⁹. No worries.

France: The National Low-Carbon Strategy (SNBC) was established by the Energy Transition for Green Growth Act No. 2015-992 of 17 August 2015. The SNBC aims to cut greenhouse gas emissions by 75% by 2050, while making it possible to stay within the carbon budgets set for the periods 2015-2018, 2019-2023 and 2024-2028 and honor the commitment made by France toward the European Union to reduce its GHG emissions by 40% by 2030⁴⁰.

Canada⁴¹: Canada's mid-century low greenhouse gas emissions strategy outlines key principles and pathways consistent with Canada achieving net greenhouse gas emissions reductions in 2050 that respect the 1.5-2°C global temperature goal. A few key factors are identified as paramount to low-GHG outcomes in Canada: non-emitting electricity generation; the electrification of certain end use applications; low-carbon fuels; energy efficiency; and the importance of sequestration from forests. The necessity of reducing non-carbon dioxide emissions is also highlighted. The strategy includes the key message that significant emissions reductions are possible with today's technology, while innovation and research and development will ease and accelerate the deployment of clean technologies and clean energy options—where the role of carbon pricing is paramount in this respect. Canada's strategy also links long-term low greenhouse gas objectives to infrastructure and investment planning.

Mexico⁴²: Mexico's mid-century strategy provides the vision, principles, goals, and key actions to build a climate resilient society and to achieve low emissions development. The strategy is in line with Paris Agreement objectives, with additional efforts indicated for the more ambitious 1.5 °C goal. The need for action is identified in five areas: (1) the clean energy transition; (2) energy efficiency and sustainable consumption; (3) sustainable cities; (4) reduction of short-lived climate pollutants; and (5) sustainable agriculture and protection of natural carbon sinks. Mexico's strategy identifies critical crosscutting issues for long-term climate policy, including the need for market-based approaches to price carbon, increased innovation, more research and development of new technologies, and the need to build a climate culture with mechanisms for social and private sector participation. More broadly, Mexico's long term climate strategy aims to catalyze a profound transformation of its economy, addressing climate change as well as the national priorities of sustainable and more inclusive development.

India: Declaration: "The Government of India declares its understanding that, as per its national laws; keeping in view its development agenda, particularly the eradication of poverty and provision of basic needs for all its citizens, coupled with its commitment to following the low carbon path to progress, and on the assumption of unencumbered availability of cleaner sources of energy and technologies and financial resources from around the world; and based on a fair and ambitious assessment of global commitment to combating climate change, it is ratifying the Paris Agreement."

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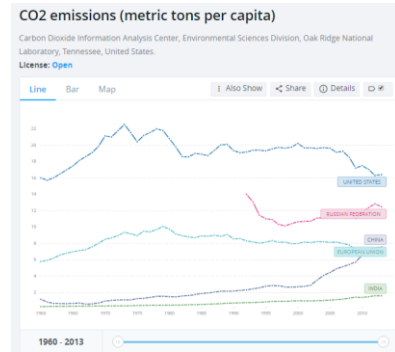
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CO2 Emissions (Metric Tons Per Capita)⁴³



Country	1960	2013
India	0.3	1.6
China	1.2	7.6
European Union	5.8	6.7
Russian Federation		12.5
United States	16.0	16.4

Country	1960	2013
Austria	4.4	7.4
Belgium	9.9	8.4
Bulgaria	2.8	5.4
Croatia	5.8	4.2
Cyprus	1.5	5.2
Czech Republic		9.4
Denmark	6.5	6.8
Estonia		15.1
Finland	3.4	8.5
France	5.8	5.1
Germany		9.4
Greece	1.1	6.3
Hungary	4.5	4.2
Ireland	4.0	7.6
Italy	2.2	5.7
Latvia		3.5
Lithuania	4.3	3.5
Luxembourg	36.7	18.7
Malta	1.0	5.2
Netherlands	6.4	10.1
Poland	6.7	7.9
Portugal	0.9	4.4
Romania	2.9	3.5
Slovak Republic		6.2
Slovenia		7.0
Spain	1.6	5.1
Sweden	6.6	4.6
United Kingdom	11.2	7.1

European Union: Declaration: "Declaration by the Union made in accordance with Article 20(3) of the Paris Agreement: The following States are at present Members of the European Union: the Kingdom of Belgium, the Republic of Bulgaria, the Czech Republic,

the Kingdom of Denmark, the Federal Republic of Germany, the Republic of Estonia, Ireland, the Hellenic Republic, the Kingdom of Spain, the French Republic, the Republic of Croatia, the Italian Republic, the Republic of Cyprus, the Republic of Latvia, the Republic of Lithuania, the Grand Duchy of Luxembourg, Hungary, the Republic of Malta, the Kingdom of the Netherlands, the Republic of Austria, the Republic of Poland, the Portuguese Republic, Romania, the Republic of Slovenia, the Slovak Republic, the Republic of Finland, the Kingdom of Sweden, the United Kingdom of Great Britain and Northern Ireland.

The European Union declares that, in accordance with the Treaty on the Functioning of the European Union, and in particular Article 191 and Article 192(1) thereof, it is competent to enter into international agreements, and to implement the obligations resulting therefrom, which contribute to the pursuit of the following objectives:

- preserving, protecting and improving the quality of the environment;
- protecting human health;
- prudent and rational utilization of natural resources;
- promoting measures at international level to deal with regional or worldwide environmental problems, and in particular combating climate change. ...

The European Union will continue to provide information, on a regular basis on any substantial modifications in the extent of its competence, in accordance with Article 20(3) of the Agreement."

China: Declaration: In accordance with the Basic Law of the Hong Kong Special Administrative Region of the People's Republic of China and the Basic Law of the Macao Special Administrative Region of the People's Republic of China, the Government of the People's Republic of China decides that the Agreement applies to the Hong Kong Special Administrative Region and the Macao Special Administrative Region of the People's Republic of China.

EU and China strengthen climate ties to counter US retreat⁴⁴. And Many More Countries Pledged to Cut Emissions⁴⁵.

So, it is clear from the above, whether we believe in the climate change or not, the world has been moving on from fossil fuels and pollution with or without our help. But, wait - more than two dozen of the

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ॐ भूर्भुवः स्वः तत्सवितुर्वरेण्यं भर्गो देवस्य धीमहि धियो यो नः प्रचोदयात्॥

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country's 50 states have programs in place to continue reducing emissions, and many governors have pledged to reduce their emissions in line with the Paris Agreement's target of keeping the rise in average global temperature below 2°C (3.6°F). Six states have even begun submitting their emission statistics to a global disclosure report published by the Compact of States and Regions – submitting themselves to the

State	Base Year	2020 Target	2030 Target	2050 Target	Current Progress
California	1990	1990 level	40%	80%	6% above 1990
Connecticut	1990/2001	10% below '90		80% below '01	11% below 1990
New York	1990			80%	8% below 1990
Oregon	1990	10%		75%	9% above 1990
Vermont	1990		50%	75%	2% above 1990
Washington	1990	1990 level	25%	50%	6% above 1990

kind of scrutiny and comparability called for in the Paris Agreement. The number of governments involved in the Compact grew by more than 40%, disclosing almost 1300 sector specific climate actions that will reduce per capita carbon

intensity roughly 65% by 2050, from nearly 10 tons of carbon dioxide equivalent per person to less than four. Like the Paris Agreement, the Compact encourages states to ratchet up ambition over time, and it will continue to generate reports annually⁴⁶.



These are the mayors supporting a vision of 100% clean and renewable energy in their cities, towns, and communities, and across the country.



Mayor Philip Levine
Miami Beach, FL
CO-CHAIR



Mayor Jackie Biskupski
Salt Lake City, UT
CO-CHAIR



Mayor Steve Benjamin
Columbia, SC
CO-CHAIR



Mayor Kevin Faulconer
San Diego, CA
CO-CHAIR

California Governor Jerry Brown, New York Governor Andrew Cuomo, and Washington Governor Jay Inslee announced the creation of the group called the "United States Climate Alliance" and the three states, which together represent a quarter of US GDP and more than 20% of the nation's population (but only about 10% of its carbon emissions), are inviting other states to join them. 177 "Climate Mayors" representing 38 million Americans have also committed to upholding the goals of the Paris Agreement⁴⁷. These include the non-CA/NY mayors of Boston, Houston, Chicago, Seattle, Atlanta, and many other large cities. One notable city joining the pact is Pittsburgh – in Mr. Trump's speech, he noted that he was elected to represent "the citizens of Pittsburgh, not Paris." Pittsburgh, however, apparently wishes to remain in the Agreement - [Pittsburgh plans to power itself with 100% renewable energy](#), by 2035. Also, the governors of Massachusetts, Oregon, Colorado, Hawaii, Connecticut, Minnesota, Virginia and Rhode Island have all proclaimed continued support for the Agreement⁴⁸.

CONCLUSION

Interestingly, the US has influenced and forced the world into globalization and Paris Agreement, and both will go on with the continued participation of the American States, American Governors, American Mayors, and American People.

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This radiant type of strength and youth!
Glowing eternally!

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The whole Universe is enlightened by His light!
— Kathopanisad



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Mana Sanskriti (Our Culture)

Chief Editor: Dr. Sreenivasarao Vepachedu, Esq.

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Shining forth he rises from the lap of the dawn!
Praised by singers, my God Savitar!
Stepped forth and never missed his place!
He steps forth the splendor of the sky the wide!
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NOTES AND REFERENCES⁴⁹

¹Dr. Rao Vepachedu is the founder and president of Vepachedu Educational Foundation Inc., a 501(c) (3) educational foundation, and the Law Offices of Dr. Vepachedu and co-founder of Exciva. For more information visit: www.linkedin.com/in/vepachedu; <http://www.avvo.com/attorneys/60201-il-sreenivasarao-vepachedu-764535.html>, and <http://www.crm-ip.com/vepachedu.html>. Contact: svepachedu@yahoo.com.



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² Solar Power is Cheaper Than Coal Power in India: <https://www.linkedin.com/pulse/solar-power-cheaper-than-coal-india-rao-vepachedu-jd-phd-llm>

³ ENVIRONMENTAL WISDOM IN ANCIENT INDIA <http://www.ecomall.com/greenshopping/eastgreen.htm>

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⁴ PARIS AGREEMENT, UNITED NATIONS 2015 http://unfccc.int/files/essential_background/convention/application/pdf/english_paris_agreement.pdf

⁵ THE PARIS AGREEMENT http://unfccc.int/paris_agreement/items/9485.php

⁶THE UNITED STATES MID-CENTURY STRATEGY http://unfccc.int/files/focus/long-term_strategies/application/pdf/mid_century_strategy_report-final_red.pdf

⁷ The United States Mid-Century Strategy FOR DEEP DECARBONIZATION: http://unfccc.int/files/focus/long-term_strategies/application/pdf/mid_century_strategy_report-final_red.pdf

⁸ FCCC/CP/2015/INF.3. <http://unfccc.int/resource/docs/2015/cop21/eng/inf03p01.pdf> and

http://unfccc.int/files/meetings/paris_nov_2015/application/pdf/status_of_credentials_2015.pdf

⁹ Ratification of the Paris Agreement http://unfccc.int/paris_agreement/items/9986.php

¹⁰ ENTRY INTO FORCE <https://treaties.un.org/doc/Publication/CN/2016/CN.735.2016-Eng.pdf>

¹¹ Paris Agreement - Status of Ratification: http://unfccc.int/paris_agreement/items/9444.php

¹² STATUS AS AT : 02-06-2017 05:01:10 EDT : Signatories : 195. Parties : 148

https://treaties.un.org/Pages/ViewDetails.aspx?src=TREATY&mtidsg_no=XXVII-7-d&chapter=27&clang=en

¹³ The INDC platform. http://unfccc.int/focus/indc_portal/items/8766.php

¹⁴ FCCC/CP/2015/10/Add.1. http://unfccc.int/documentation/documents/advanced_search/items/6911.php?prifref=600009461

¹⁵ Intended Nationally Determined Contributions (INDCs) http://unfccc.int/focus/indc_portal/items/8766.php; decision 1/CP.19, decision

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in adaptation planning.

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¹⁶ Taking the Paris Agreement forward: Tasks arising from decision 1/CP.21

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¹⁷ PARIS AGREEMENT, UNITED NATIONS 2015 http://unfccc.int/files/essential_background/convention/application/pdf/english_paris_agreement.pdf

¹⁸ THE UNITED STATES MID-CENTURY STRATEGY: http://unfccc.int/files/focus/long-term_strategies/application/pdf/mid_century_strategy_report-final_red.pdf

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The End of Pax Americana: How Western Decline Became Inevitable: <https://www.theatlantic.com/international/archive/2012/04/the-end-of-pax-americana-how-western-decline-became-inevitable/256388/>

³³ MANIFEST DESTINY: Manifest Destiny is a term for the attitude prevalent during the 19th century period of American expansion that the United States not only could, but was destined to, stretch from coast to coast. <http://www.history.com/topics/manifest-destiny>

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Manifest Destiny, the supposed inevitability of the continued territorial expansion, most evidently became a renewed force in US foreign policy in the 1890s, when the country went to war with Spain, annexed Hawaii, and laid plans for an isthmian canal across Central America.

<https://www.britannica.com/event/Manifest-Destiny>

³³ Why The US Remains The World's Unchallenged Superpower: Yet, the United States is the world leader and likely to remain there for decades. It has the greatest soft power in the world by far. The United States leads the world in high technology (Silicon Valley), finance and business (Wall Street), the movies (Hollywood) and higher education (17 of the top 20 universities in the world in Shanghai's Jaotong University survey). The United States has a First World trade profile (massive exports of consumer and technology goods and imports of natural resources). It is still the world's leader for FDI at 180 billion dollars, almost twice its nearest competitor. The United States, spending 560 billion dollars a year, has the most powerful military in the world. Its GDP (16 trillion dollars) is more than twice the size of China's GDP. As the first new nation, it has the world's longest functioning democracy in a world filled with semi-democratic or non-democratic countries. Its stock market, at an all time high, still reflects American leadership of the global economy. <https://www.forbes.com/sites/realspin/2013/11/24/why-the-u-s-remains-the-worlds-unchallenged-superpower/#5f0edff15b6e>

Why America Thinks It Has to Run the World: <https://www.theatlantic.com/magazine/archive/1996/06/why-america-thinks-it-has-to-run-the-world/376599/>

The Birth of Pax Americana: <https://www.wsj.com/articles/the-birth-of-pax-americana-1482882200>

³⁴ American Culture for International Students:

For many international students, adjusting to American culture can be difficult and at times frustrating. American customs and values might be very different from those of your home country, and you might find them confusing. You will probably want to familiarize yourself with American culture before your departure, in order to make the transition as easy as possible.

Values

- Independence. Americans strongly believe in the concept of individualism. They consider themselves to be separate individuals who are in control of their own lives, rather than members of a close-knit, interdependent family, religious group, tribe, nation, or other group.
- Equality. The American Declaration of Independence states that "all [people] are created equal," and this belief is deeply embedded in their cultural values. Americans believe that all people are of equal standing, and are therefore uncomfortable with overt displays of respect such as being bowed to.
- Informality. This belief in equality causes Americans to be rather informal in their behavior towards other people. Don't be surprised if store clerks and waiters introduce themselves by their first names. Many people visiting the US are surprised by the informality of American speech, dress, and posture. Don't mistake this for rudeness or irreverence; it's just a part of their culture!
- Directness. Americans tend to value, frankness and openness in their dealings with other people. They believe that conflicts and disagreements are best solved by means of forthright discussion among the people involved. Americans believe that if someone has a problem with someone else, they should tell the person clearly and directly in order to come up with a solution to the problem.

International Student: https://www.internationalstudent.com/study_usa/way-of-life/american-culture/

³⁵ 101 Characteristics of Americans/American Culture, University of Michigan: To help you compare and contrast what you observe of American culture and your own, mark the similarities and differences between your culture and what you have read about in this book.

<https://www.press.umich.edu/pdf/9780472033041-101AmerCult.pdf>

³⁶ 10 Things to Know About Americans: Speaking Up: While there is certainly a difference between speaking up and being subversive or rude, it's okay to say something! <https://www.interexchange.org/articles/career-training-usa/10-things-to-know-about-u-s-culture/>

³⁷ Cultural Customs in the US. Adjusting to American Culture. Cultural Differences. <https://www.interexchange.org/american-culture/cultural-customs-us/>

Immigrants Explain What Shocked Them About American Culture: https://www.vice.com/en_us/article/immigrants-explain-what-shocked-them-about-american-culture

³⁸ 'Pax Americana' is over, and that could mean a much more turbulent world: Ian Bremmer <http://www.cnbc.com/2017/01/03/bremmer-pax-americana-is-over-and-that-means-a-more-turbulent-world.html>

The Pax Americana is Dead <http://www.hoover.org/research/pax-americana-dead>

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39 CONTRIBUTIONS BY STATE

CONTRIBUTOR	ANNOUNCED	SIGNED	SIGNED PER CAPITA	GDP PER CAPITA	EMISSIONS PER CAPITA
Monaco	\$1.08 M	\$1.08 M	\$28.89	163 K	—
Liechtenstein	< \$0.1 M	< \$0.1 M	\$1.48	135 K	1
Vietnam ⁸	\$0.10 M	—	0	2 K	2
Indonesia ⁷	\$0.25 M	\$0.25 M	< \$0.01	4 K	2
Peru	\$6.00 M	—	0	7 K	2
Colombia	\$6.00 M	\$0.30 M	< \$0.01	8 K	2
Panama	\$1.00 M	\$1.00 M	\$0.25	12 K	3
Romania	\$0.10 M	\$0.10 M	< \$0.01	10 K	4
Mexico	\$10.0 M	\$10.0 M	\$0.08	10 K	4
Latvia	\$0.47 M	\$0.47 M	\$0.24	16 K	4
Hungary	\$4.30 M	\$4.30 M	\$0.43	14 K	5
Chile	\$0.30 M	\$0.30 M	\$0.02	15 K	5
Lithuania	\$0.10 M	\$0.10 M	\$0.04	16 K	5
Portugal	\$2.68 M	—	0	22 K	5
France	\$1,035 M	\$1,035 M	\$15.64	43 K	5
Switzerland	\$100 M	\$100 M	\$12.21	85 K	5
Malta	\$0.20 M	\$0.20 M	\$0.47	23 K	6
Spain ⁴	\$161 M	\$161 M	\$3.46	30 K	6
Iceland ⁶	\$1.00 M	\$0.50 M	\$1.55	52 K	6
Sweden	\$581 M	\$581 M	\$59.31	59 K	6
Mongolia	< \$0.1 M	—	0	4 K	7
Bulgaria	\$0.10 M	\$0.10 M	\$0.02	8 K	7
Cyprus	\$0.50 M	—	0	27 K	7
Italy	\$334 M	\$268 M	\$4.54	35 K	7
New Zealand	\$2.56 M	\$2.56 M	\$0.57	42 K	7
United Kingdom ¹	\$1,211 M	\$1,211 M	\$18.77	46 K	7
Denmark	\$71.8 M	\$71.8 M	\$12.73	61 K	7
Poland	\$0.11 M	\$0.11 M	< \$0.01	14 K	8
Austria ³	\$34.8 M	\$34.8 M	\$4.09	51 K	8
Ireland	\$2.70 M	—	0	53 K	8
Japan	\$1,500 M	\$1,500 M	\$11.80	36 K	9
Belgium	\$66.9 M	\$66.9 M	\$6.18	48 K	9
Germany	\$1,003 M	\$1,003 M	\$12.40	48 K	9
Norway	\$258 M	\$258 M	\$50.20	97 K	9
Czech	\$5.32 M	\$5.32 M	\$0.57	20 K	10
Finland	\$107 M	\$46.4 M	\$8.49	50 K	10
Netherlands	\$134 M	\$134 M	\$7.94	52 K	10
Republic of Korea ⁵	\$100 M	\$100 M	\$1.99	28 K	12
Estonia	\$1.30 M	\$1.30 M	\$0.99	20 K	14
Canada	\$277 M	\$277 M	\$7.79	50 K	14
United States of America ²	\$3,000 M	\$3,000 M	\$9.41	55 K	17
Australia	\$187 M	\$187 M	\$7.92	62 K	17
Luxembourg	\$46.8 M	\$33.4 M	\$58.63	111 K	21

⁴⁰ The National Low-Carbon Strategy (SNBC) http://unfccc.int/files/focus/long-term_strategies/application/pdf/national_low_carbon_strategy_en.pdf

⁴¹ THE UNITED STATES MID-CENTURY STRATEGY http://unfccc.int/files/focus/long-term_strategies/application/pdf/mid_century_strategy_report-final_red.pdf

⁴² THE UNITED STATES MID-CENTURY STRATEGY http://unfccc.int/files/focus/long-term_strategies/application/pdf/mid_century_strategy_report-final_red.pdf

⁴³ CO2 emissions (metric tons per capita): <http://data.worldbank.org/indicator/EN.ATM.CO2E.PC>

⁴⁴ EU and China strengthen climate ties to counter US retreat: <https://www.ft.com/content/585f1946-45e2-11e7-8519-9f94ee97d996>
Scoreboard Science and Data: <https://www.climateinteractive.org/programs/scoreboard/scoreboard-science-and-data/>

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O Sun God, Savitr!
Thou dazzling fount of life-persuasive light!
Sublimest mystery speeding from afar!
Swift became that burst too potent on the sight!
This radiant type of strength and youth!
Glowing eternally!

He alone shines!
All luminaries get illuminated by His Illumination!
The whole Universe is enlightened by His light!
— Kathopanishad



శ్రీ వేపచేదు విద్యా పీఠము

VEPACHEDU EDUCATIONAL FOUNDATION

మన సంస్కృతి

Mana Sanskriti (Our Culture)

Chief Editor: Dr. Sreenivasarao Vepachedu, Esq.

May the golden-eyed Savitar come hither!
Shining forth he rises from the lap of the dawn!
Praised by singers, my God Savitar!
Stepped forth and never missed his place!
He steps forth the splendor of the sky the wide!
Seeing, far-shining, the shining wanderer!
— Rig Veda, vii, 65

ॐ भूर्भुवः स्वः तत्सवितुर्वरेण्यं भर्गो देवस्य धीमहि धियो यो नः प्रचोदयात्॥

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⁴⁵ TATUS AS AT : 02-06-2017 05:01:10 EDT CHAPTER XXVII ENVIRONMENT 7. d Paris Agreement Paris, 12 December 2015

https://treaties.un.org/Pages/ViewDetails.aspx?src=TREATY&mtdsg_no=XXVII-7-d&chapter=27&clang=en

⁴⁶ Which US States Are Already Honoring The Paris Climate Agreement? <http://www.ecosystemmarketplace.com/articles/two-dozen-us-states-will-honor-paris-climate-agreement-even-feds-dont-heres-six-will-pull-off/>

Disclosure Report 2015, The first global account of climate action from leading states, provinces and regions

<https://www.theclimategroup.org/sites/default/files/compact-of-states-and-regions-disclosure-report-2015.pdf>

Three US states rebel against Trump's Paris climate agreement withdrawal: <https://www.theverge.com/2017/6/1/15726974/california-new-york-washington-climate-change-coalition-paris-deal-trump>

⁴⁷ 177 US Climate Mayors commit to adopt, honor and uphold Paris Climate Agreement goals: <https://medium.com/@ClimateMayors/climate-mayors-commit-to-adopt-honor-and-uphold-paris-climate-agreement-goals-ba566e260097>

⁴⁸ In response to US pulling out of Paris Agreement, US states, cities commit to protecting the environment and their citizens:

<https://electrek.co/2017/06/01/in-response-to-us-pulling-out-of-paris-agreement-us-states-step-in-to-commit-to-protecting-the-environment-and-their-citizens/>

⁴⁹ In addition to the primary sources cited above, additional references include:

New York Times, Washington Post, Mercury News, Bayarea.com, Deccan Chronicle, the Hindu, Hindustan Times, Times of India, AP, Reuters, AFP, The Guardian, Pravda, Spiegel, Connexion, etc.

Disclaimer: All information is intended for your general knowledge only and is not a substitute for medical advice or treatment for special medical conditions or any specific health issues or starting a new fitness regimen, political or economic policy.

“Where the mind is without fear and the head is held high, Where knowledge is free, Where the world has not been broken up into fragments, By narrow domestic walls.” -- Rabindranath Tagore (1861-1941), Gitanjali, 1912.

One World One Family
AUM! SWASTI!

Om! Asatoma Sadgamaya, Tamasoma Jyotirgamaya, Mrityorma Amritamgamaya, Om Shantih, Shantih, Shantih! (Aum! Lead the world from wrong path to the right path, from ignorance to knowledge, from mortality to immortality, and peace!)
SWASTI! AUM!

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