

COP-21 International INDCs 20 2030, compared with Global Carbon Budgets for 1.5° & 2.0°C

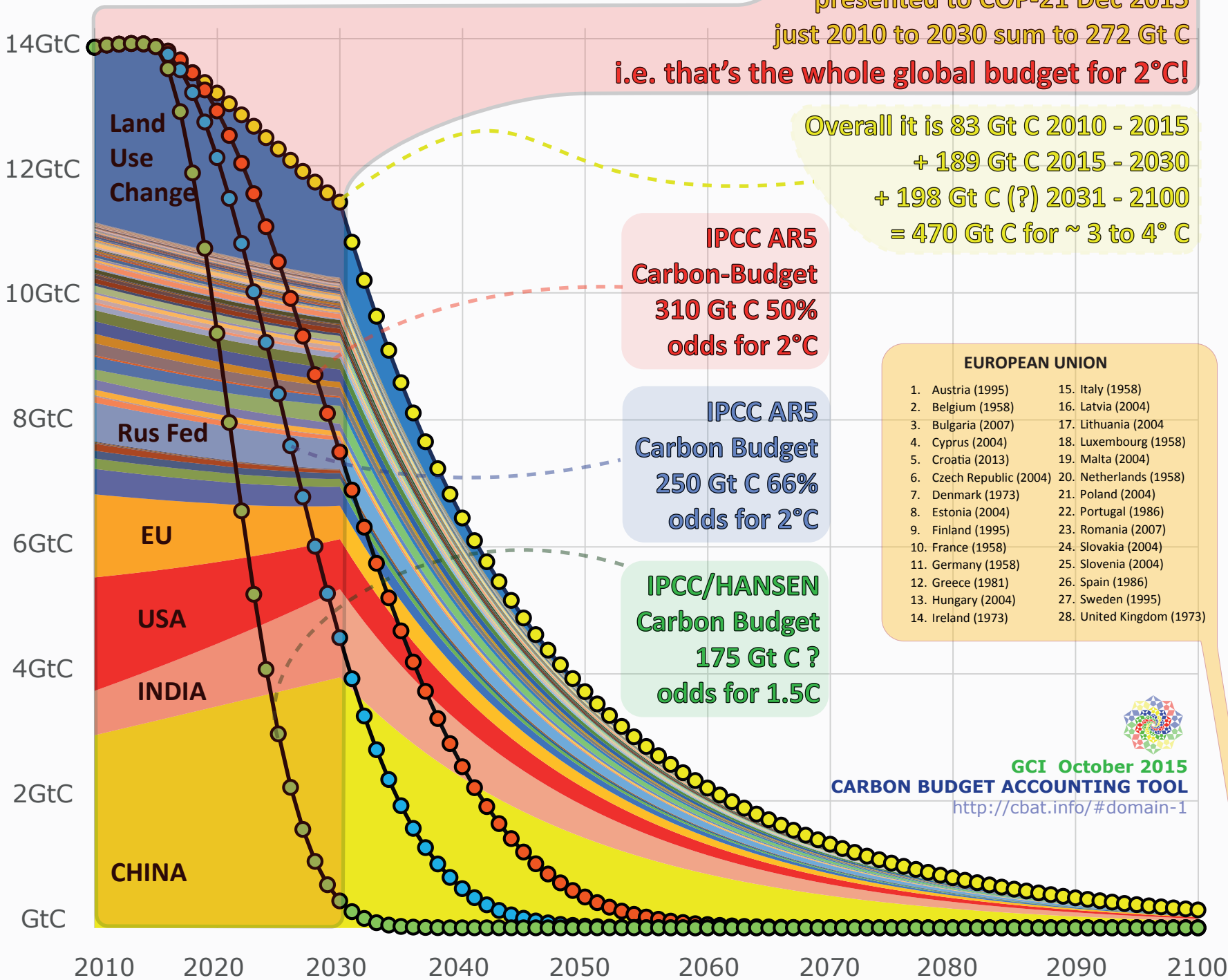
IPCC AR5 medium estimate 531 GtC emitted globally since mid 19th Century.

<http://www.gci.org.uk/INDCs.html>

INDCs = 'ad hoc-Budget'
presented to COP-21 Dec 2015
just 2010 to 2030 sum to 272 Gt C

i.e. that's the whole global budget for 2°C!

Overall it is 83 Gt C 2010 - 2015
+ 189 Gt C 2015 - 2030
+ 198 Gt C (?) 2031 - 2100
= 470 Gt C for ~ 3 to 4° C



LAND USE CHANGE

Kiribati

British Virgin Islands

Vanuatu

Comoros

Cape Verde

Seychelles

Samoa

Chad

Burundi

Western Sahara

Palau

American Samoa

Djibouti

Cambodia

Greenland

Malawi

Nepal

Fiji

Guinea

Macau

Mauritius

Reunion

Guam

Aruba

Suriname

Paraguay

Papua New Guinea

Honduras

El Salvador

Ethiopia

Sudan

Zaire

Armenia

Bolivia

US Virgin Islands

Jamaica

Yemen

Mongolia

Kyrgyzstan

Qatar

Trinidad & Tobago

Macedonia

Vietnam

Hong Kong

Chile

Iraq

Kuwait

Colombia

Serbia & Montenegro

Algeria

Argentina

Taiwan

Brazil

Korea (S)

Kazakhstan

Russian Federation

Switzerland

Australia

European Union

China

IGBP 250 Gt Budget Max for 2°C

St. Helena

Cook Islands

Gibraltar

St. Kitts-Nevis

Tonga

Maldives

Equatorial Guinea

Bhutan

St. Lucia

Central African Republic

Guinea Bissau

Cayman Islands

Antigua & Barbuda

Mali

Liberia

Benin

French Polynesia

Togo

Uganda

Mozambique

Nicaragua

Costa Rica

Panama

Ghana

Myanmar

Angola

Gabon

Brunei

Lebanon

Cote D'Ivoire

Puerto Rico

Oman

Zimbabwe

Ecuador

Peru

Morocco

Libya

Syria

Singapore

Turkmenistan

United Arab Emirates

Pakistan

Thailand

Venezuela

Saudi Arabia

Indonesia

South Africa

Belarus

Iceland

Norway

Canada

USA

GLOBAL CARBON BUDGET FOSSIL FUEL + LUC

HANSEN 175 Gt Budget Max for 1.5°C

Somalia

Montserrat

Dominica

Sao Tome & Principe

St. Vincent & Grenadines

St. Pierre & Miquelon

Grenada

Nauru

Solomon Islands

Gambia

Laos

Belize

Sierra Leone

Swaziland

Rwanda

Bermuda

Faroe Islands

French Guiana

Madagascar

Burkina Faso

Niger

Barbados

Bahamas

Martinique

Botswana

Tanzania

Zambia

Afghanistan

Mauritania

Senegal

Bosnia-Herzegovina

Sri Lanka

Uruguay

Guatemala

Kenya

Albania

Dominican Republic

Jordan

Bahrain

Tunisia

Bangladesh

Georgia

Tajikistan

Moldova

Cuba

Israel

Philippines

Malaysia

Azerbaijan

Egypt

Nigeria

Uzbekistan

Iran

Korea (N)

Mexico

Ukraine

New Zealand

Turkey

Japan

India