

Table S1. List of 223 countries/territories in 11 regions included in the PKU-FUEL and PKU-CO₂ inventories. Since 0.5°×0.5° gridded data are only available for European Russia, Russia were divided into two territories of European Russia and Asian Russia. Developing (blue) and developed (brown) countries are marked.

<i>E. & S. Africa</i>	<i>N. Africa</i>	<i>W. & C. Africa</i>	<i>E. Asia</i>	<i>S. & SE. Asia</i>	<i>W. & C. Asia</i>
Angola	Algeria	Benin	China	Bangladesh	Afghanistan
Botswana	Burkina Faso	Burundi	Japan	Bhutan	Armenia
British Indian Ocean Territory	Chad	Cameroon	North Korea	Brunei	Azerbaijan
Comoros	Djibouti	Cape Verde	South Korea	Cambodia	Bahrain
Kenya	Egypt	Central African Republic	Mongolia	India	Cyprus
Lesotho	Eritrea	Congo	Asian Russia	Indonesia	Georgia
Madagascar	Ethiopia	Congo, Democratic Republic of the		Laos	Iran
Malawi	Libya	Cote d'Ivoire		Malaysia	Iraq
Mauritius	Mali	Equatorial Guinea		Maldives	Israel
Mayotte	Mauritania	Gabon		Myanmar	Jordan
Mozambique	Morocco	Ghana		Nepal	Kazakhstan
Namibia	Niger	Guinea		Pakistan	Kuwait
Reunion	Somalia	Guinea-Bissau		Philippines	Kyrgyzstan
Seychelles	Sudan	Liberia		Singapore	Lebanon
South Africa	Tunisia	Nigeria		Sri Lanka	Oman
Swaziland	Western Sahara	Rwanda		Thailand	Qatar
Tanzania, United Republic of		Sao Tome & Principe		Timor-Leste	Saudi Arabia
Uganda		Senegal		Vietnam	Syria
Zambia		Sierra Leone			Tajikistan
Zimbabwe		St. Helena			Turkey
		Togo			Turkmenistan
					United Arab Emirates
					Uzbekistan
					Yemen
<i>Oceania</i>	<i>Europe</i>	<i>N. America</i>	<i>Caribbean & C.America</i>	<i>S. America</i>	
American Samoa	Albania	Canada	Anguilla	Argentina	
Australia	Andorra	Greenland	Antigua & Barbuda	Bolivia	
Cook Islands	Austria	Mexico	Aruba	Brazil	
Fiji	Belarus	St. Pierre & Miquelon	Bahamas, The	Chile	
French Polynesia	Belgium	United States	Barbados	Colombia	
Guam	Bosnia & Herzegovina		Belize	Ecuador	
Kiribati	Bulgaria		Bermuda	Falkland Islands (Islas Malvinas)	
Marshall Islands	Croatia		British Virgin Islands	French Guiana	
Nauru	Czech Republic		Cayman Islands	Guyana	
New Caledonia	Denmark		Costa Rica	Paraguay	
New Zealand	Estonia		Cuba	Peru	
Niue	Faroe Islands		Dominica	South Georgia & the South Sandwich Is	
N. Mariana Islands	Finland		Dominican Republic	Suriname	
Palau	France		El Salvador	Uruguay	
Papua New Guinea	Germany		Grenada	Venezuela	
Pitcairn Islands	Gibraltar		Guadeloupe		
Samoa	Greece		Guatemala		
Solomon Islands	Hungary		Haiti		
Tokelau	Iceland		Honduras		
Tonga	Ireland		Jamaica		
Tuvalu	Italy		Martinique		
Vanuatu	Latvia		Montserrat		
Wallis & Futuna	Liechtenstein		Netherlands Antilles		
	Lithuania		Nicaragua		
	Luxembourg		Panama		
	Macedonia		Puerto Rico		
	Malta		St. Kitts & Nevis		
	Moldova		St. Lucia		
	Monaco		St. Vincent & the Grenadines		
	Netherlands		Trinidad & Tobago		
	Norway		Turks & Caicos Islands		
	Poland				
	Portugal				
	Romania				
	European Russia				
	San Marino				
	Serbia & Montenegro				
	Slovakia				
	Slovenia				
	Spain				
	Sweden				
	Switzerland				
	Ukraine				
	United Kingdom				