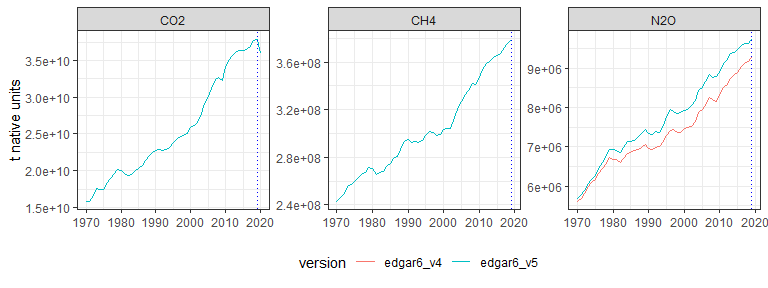
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13 Oktober, 2021

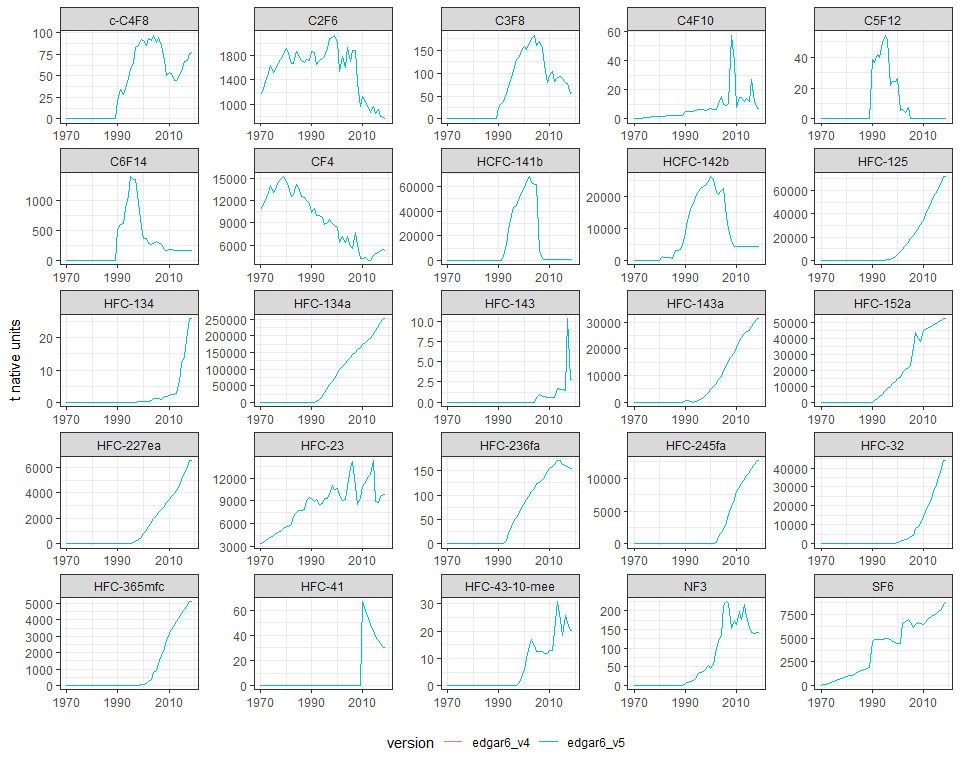
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# Global trends and totals

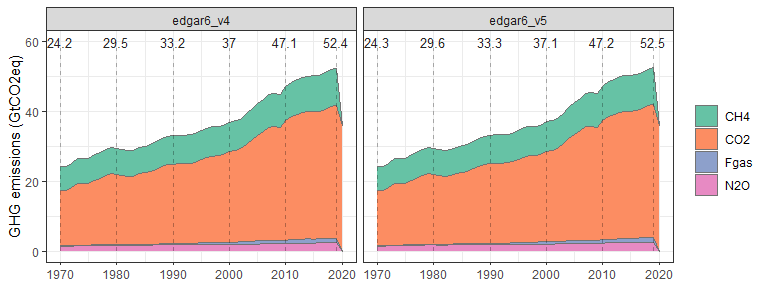
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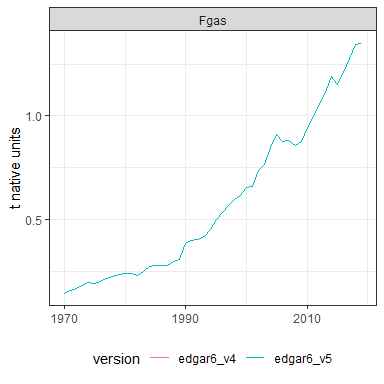


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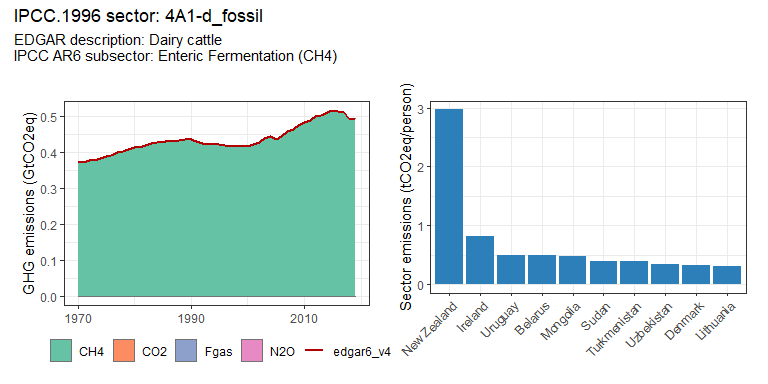
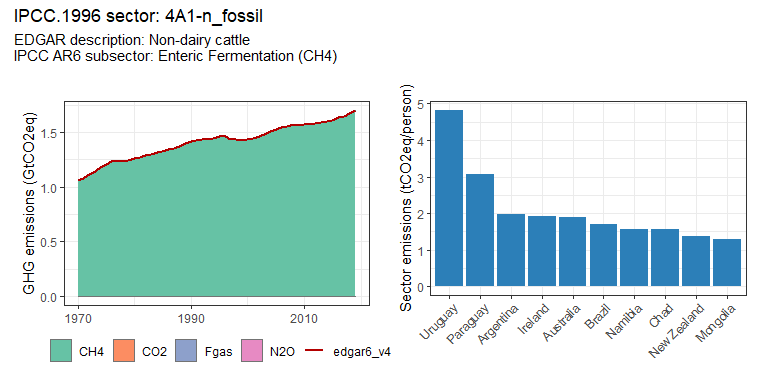
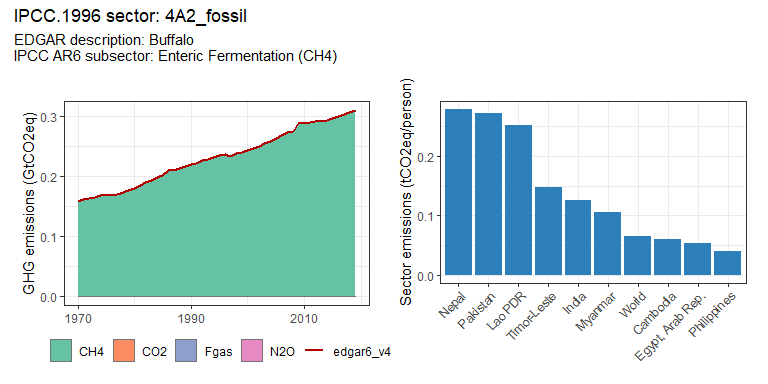
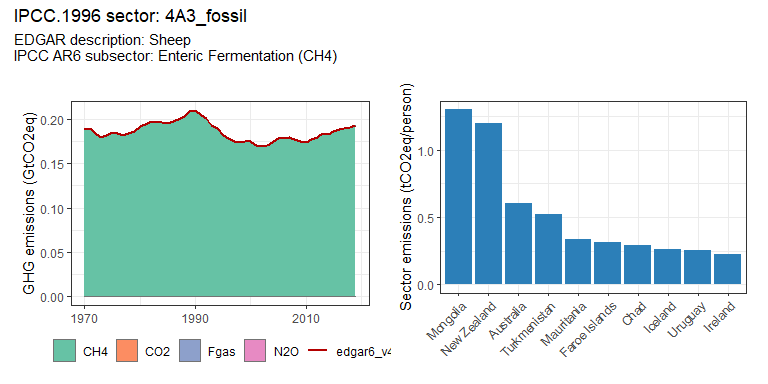
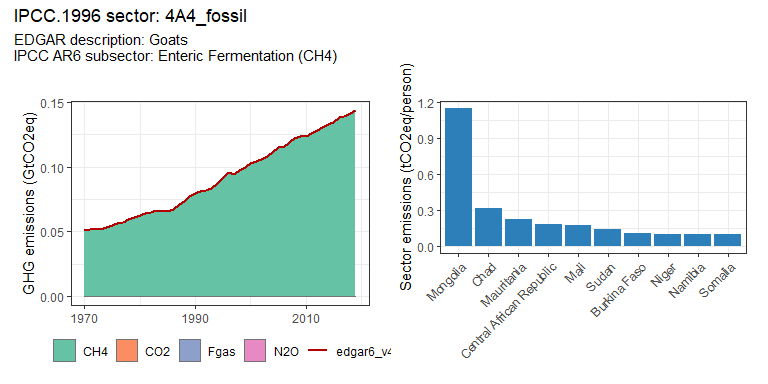
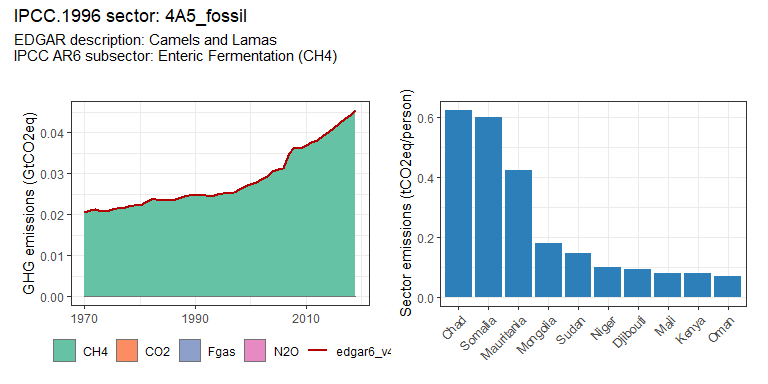
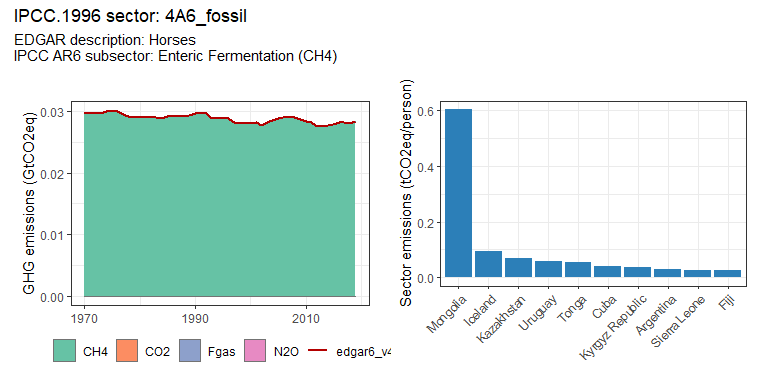
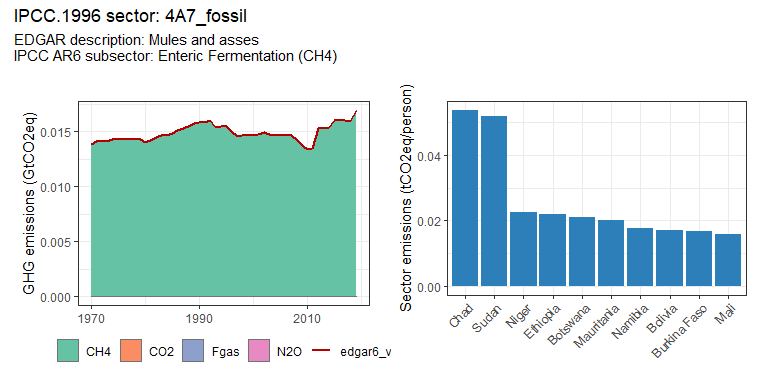
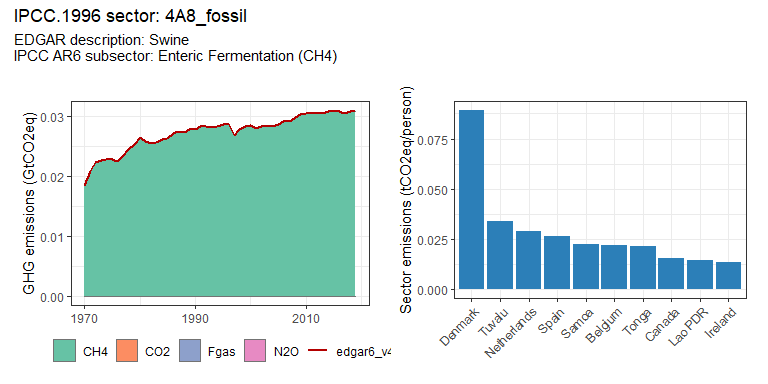
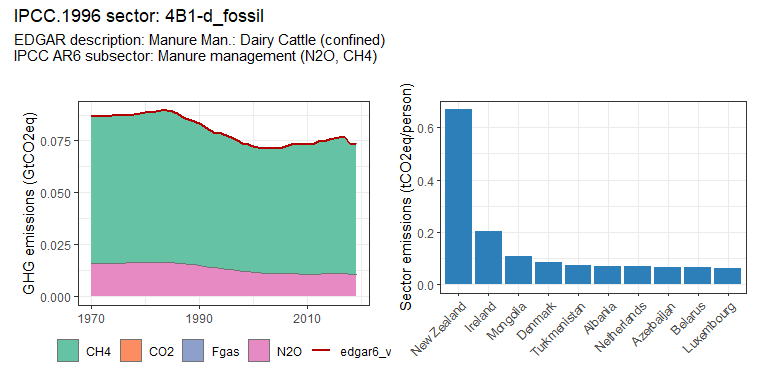
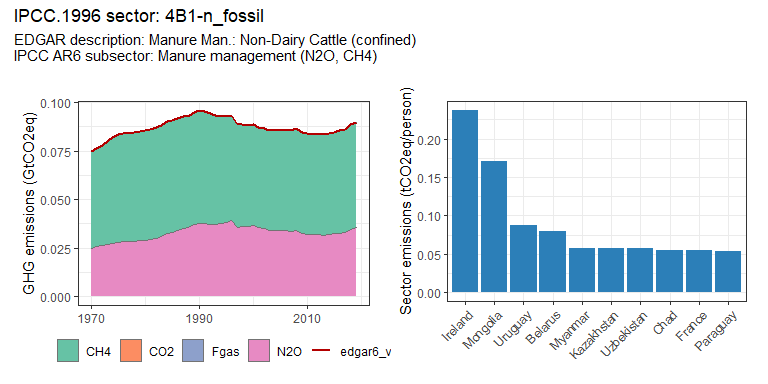
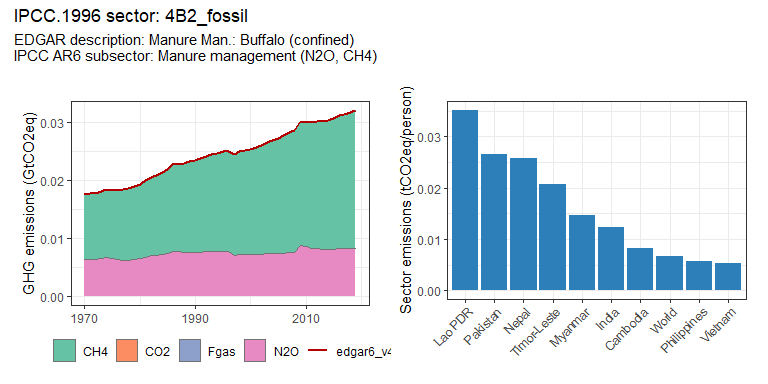
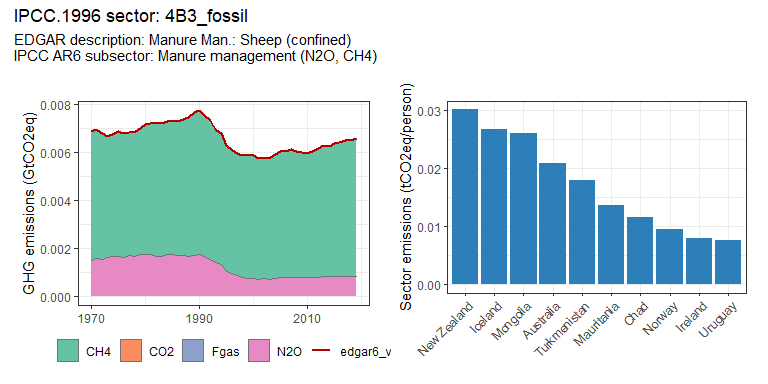
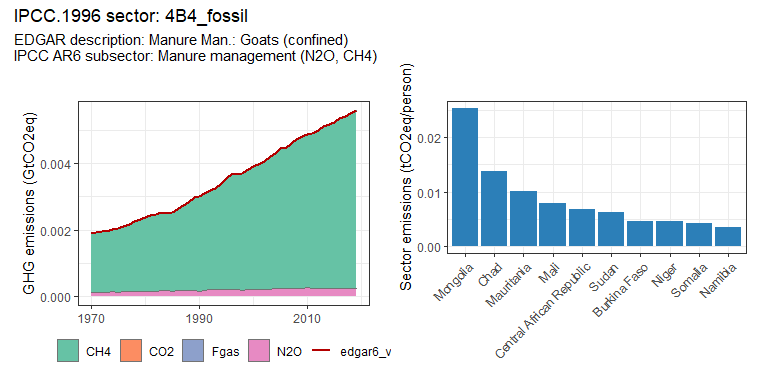
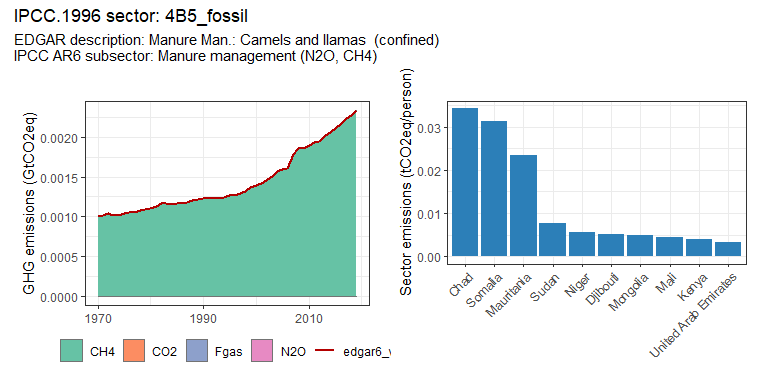
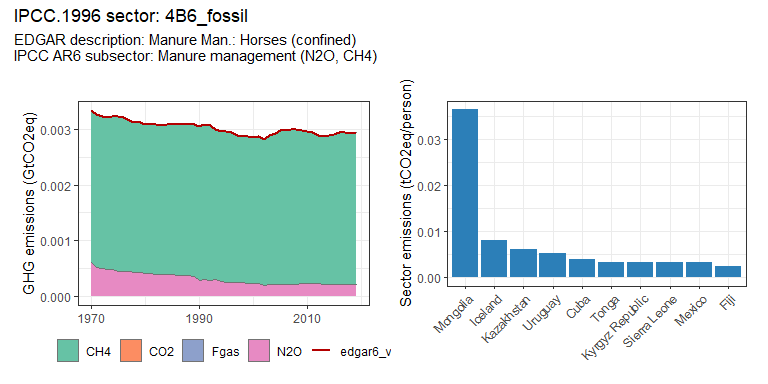
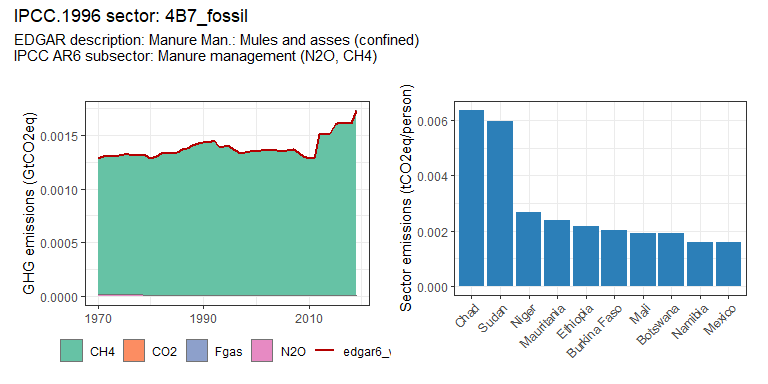
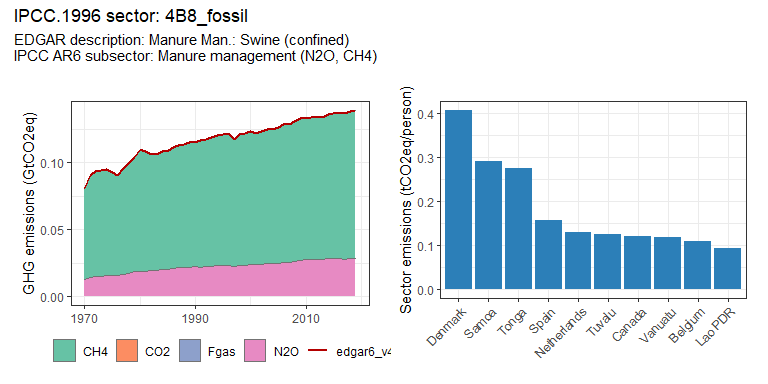
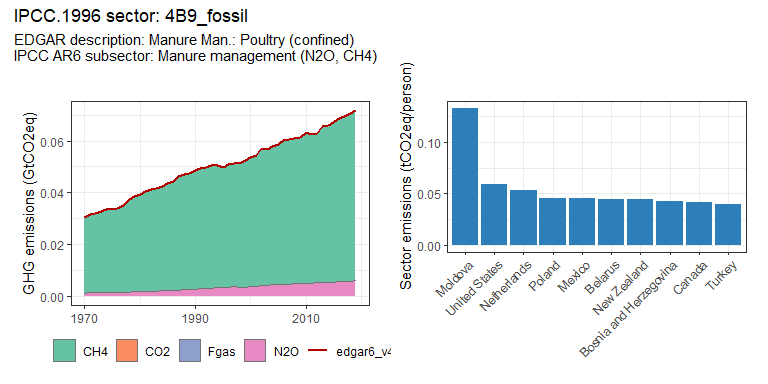
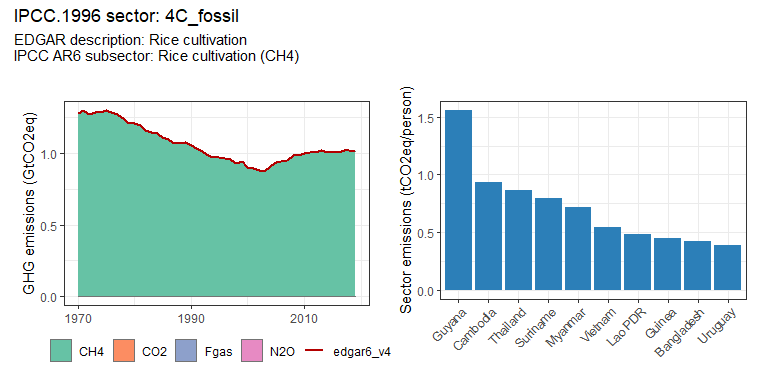
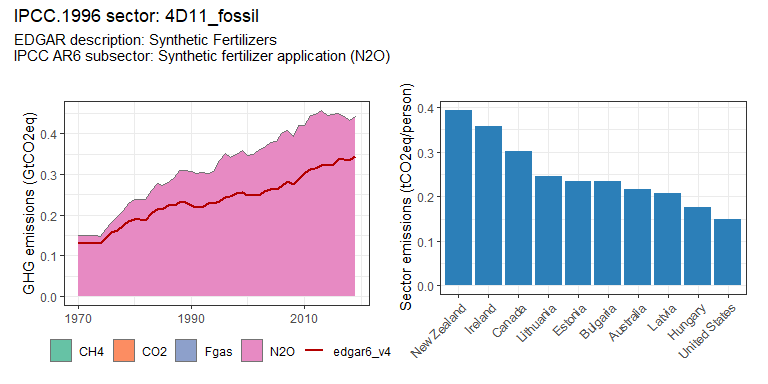
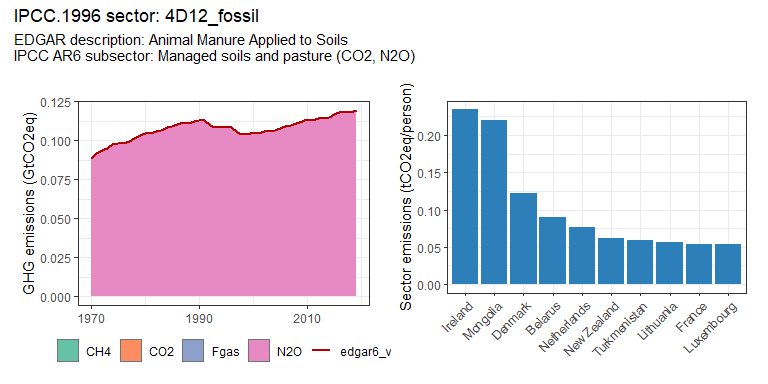
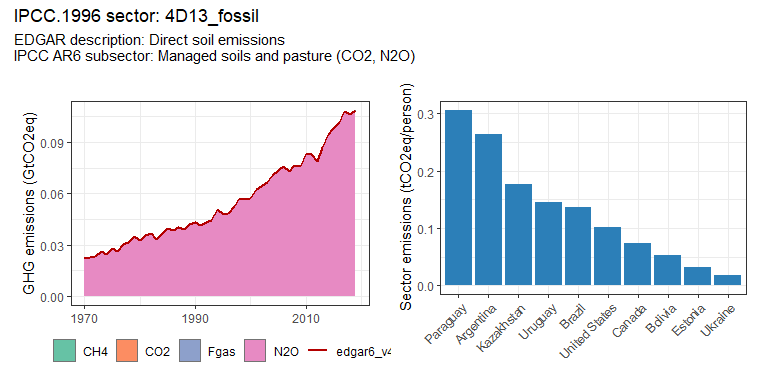
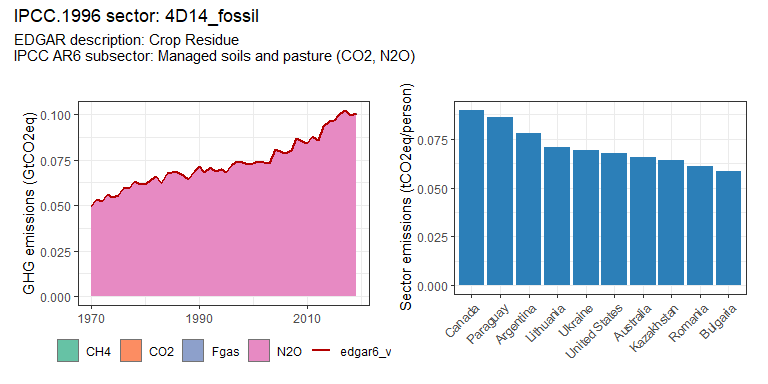
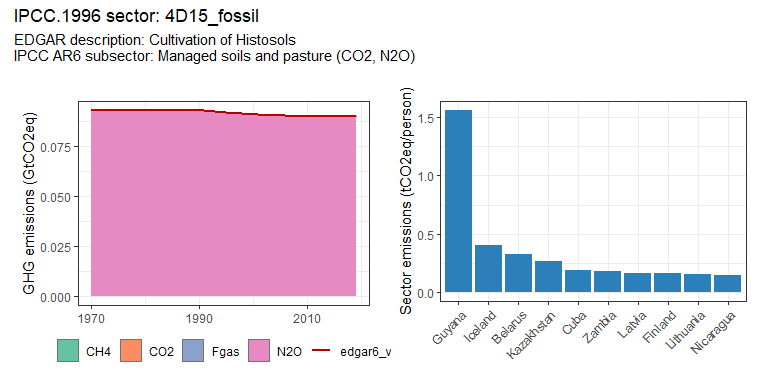
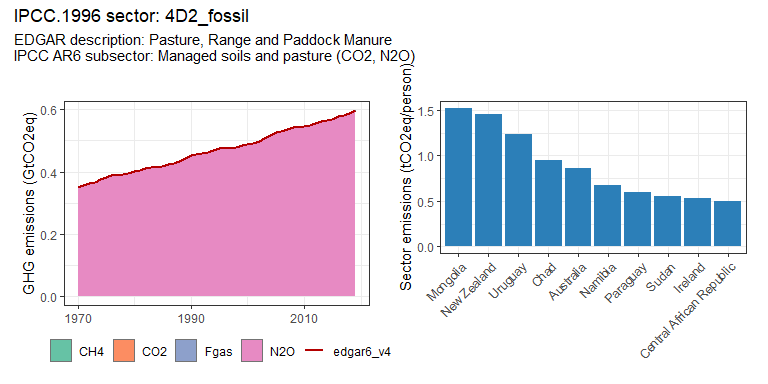
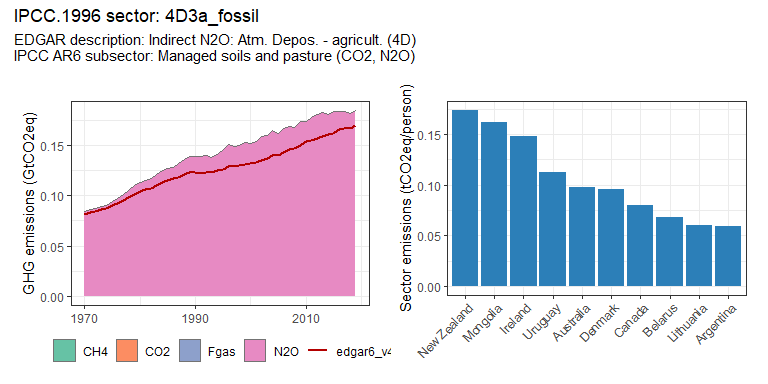
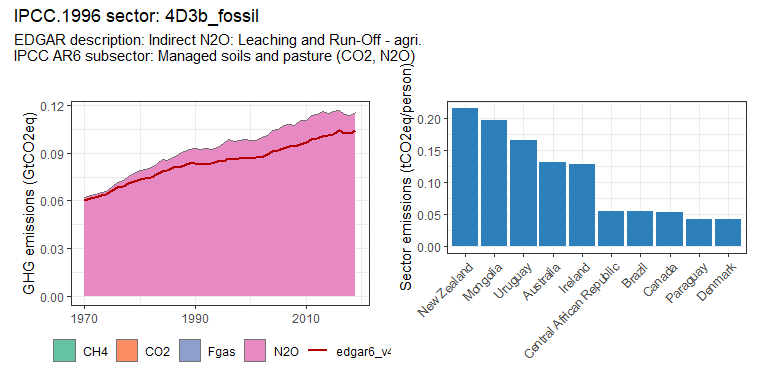
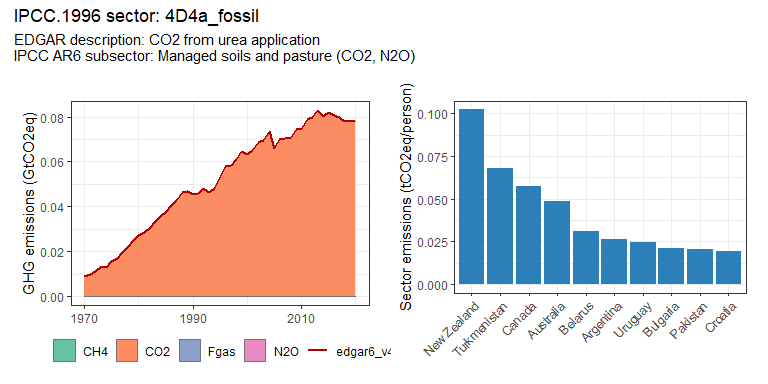
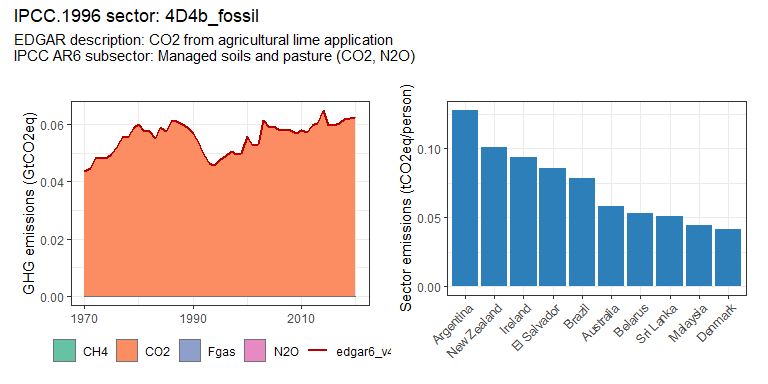
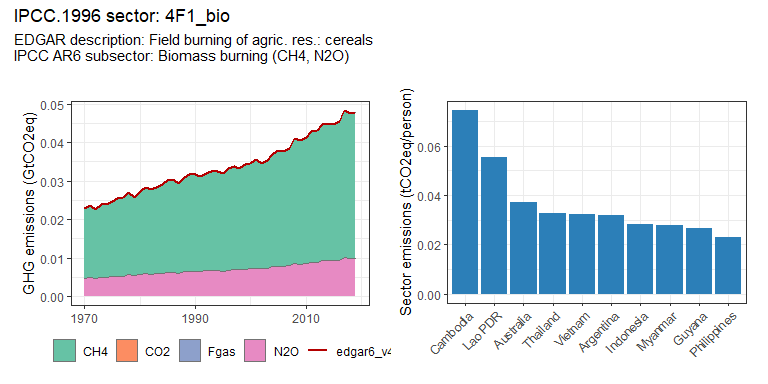
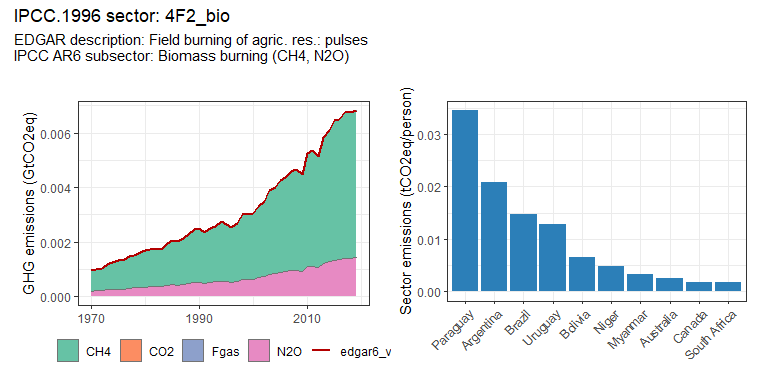
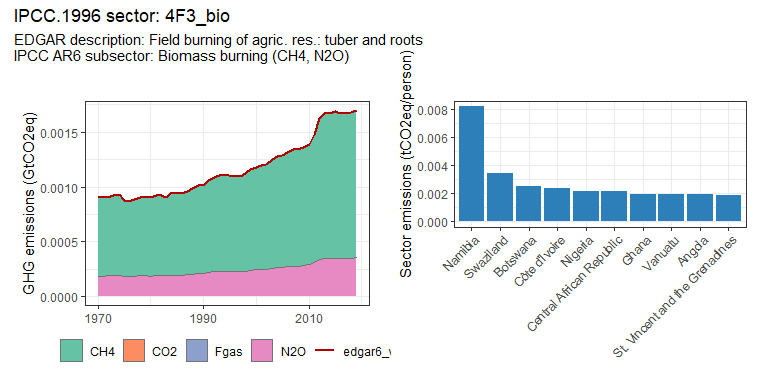
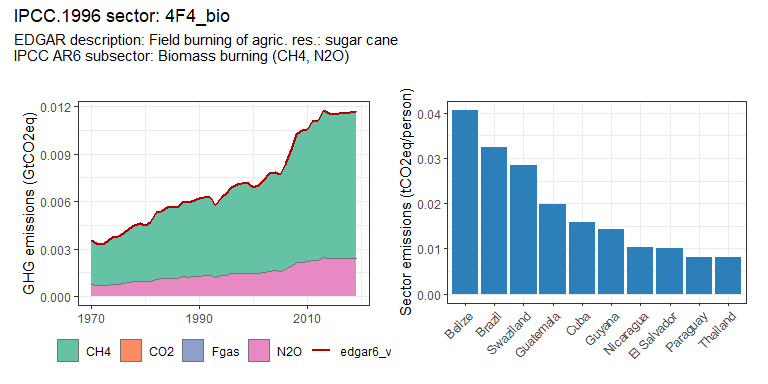
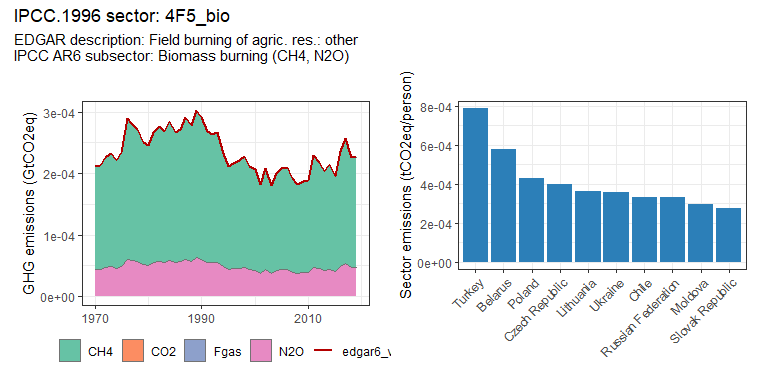
### All gases (GWPs applied)

 ### Fgas total emissions

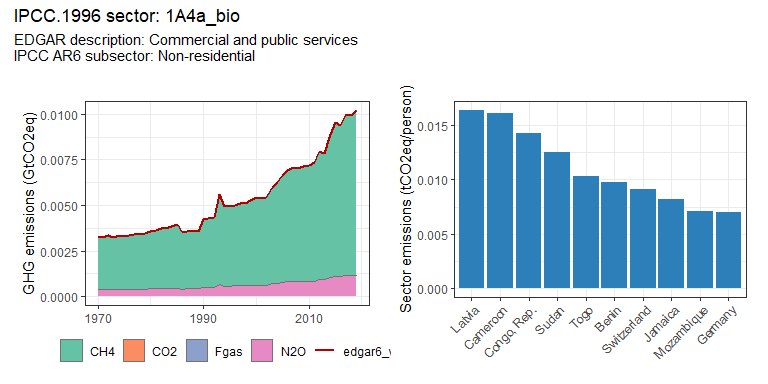
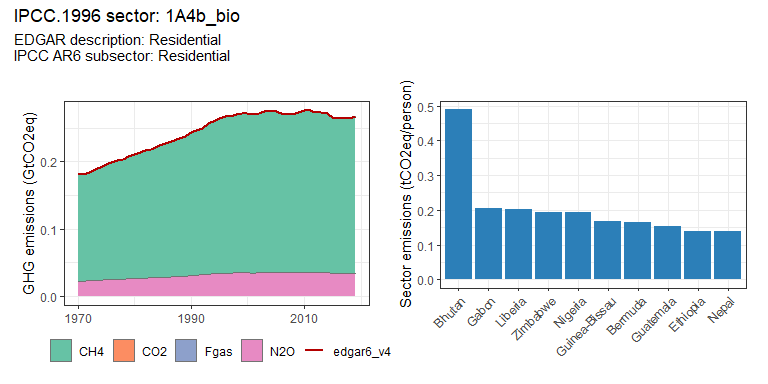
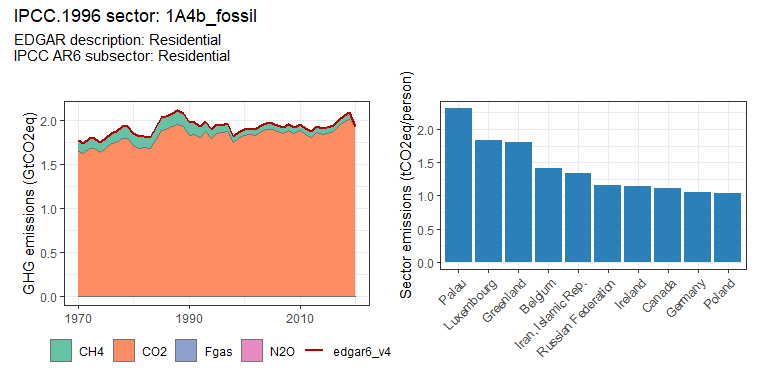
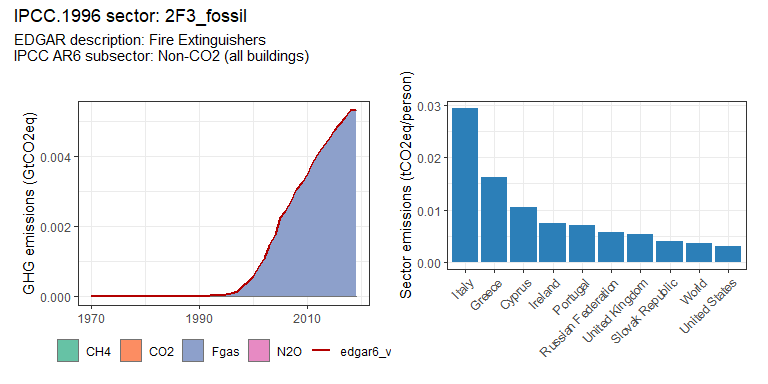
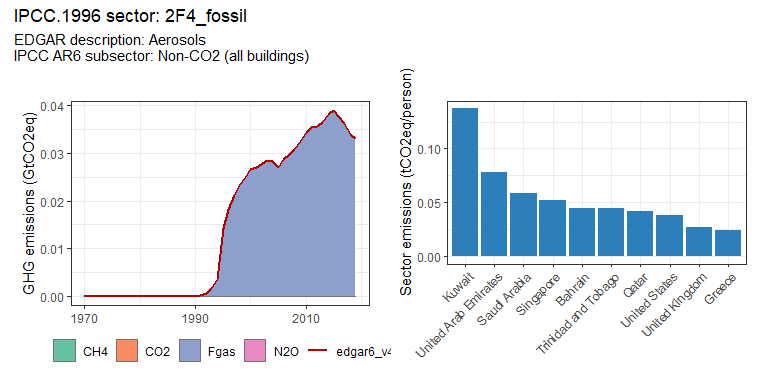
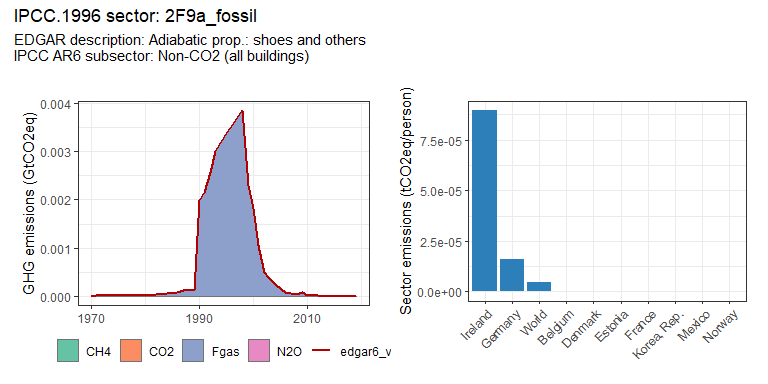
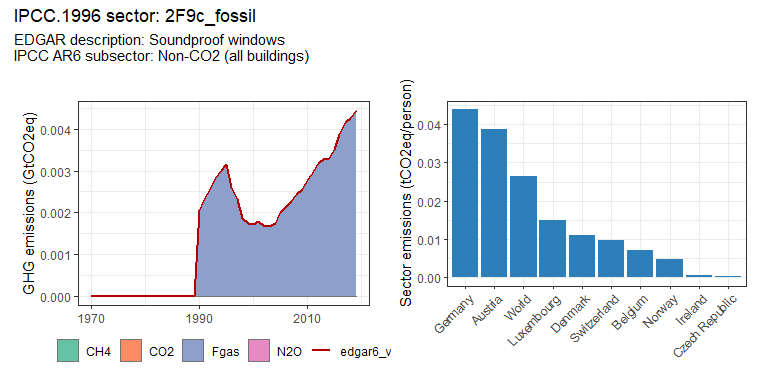


# IPCC 1996 sector trends

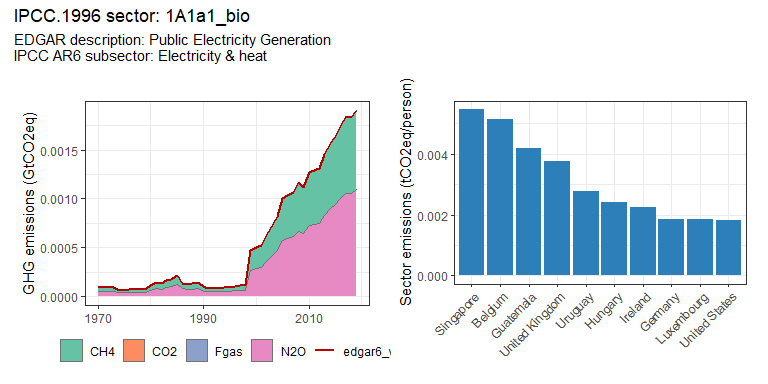
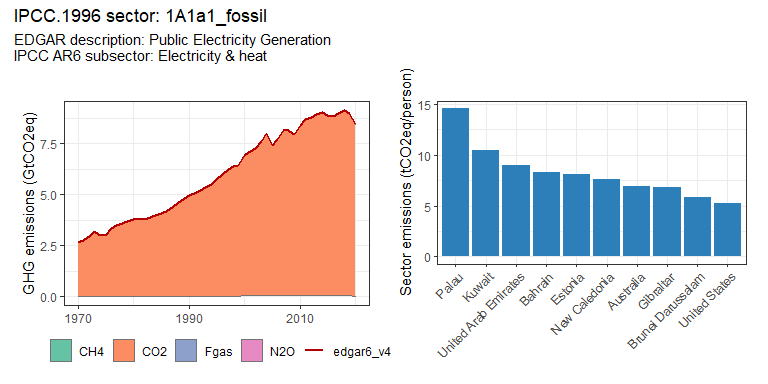
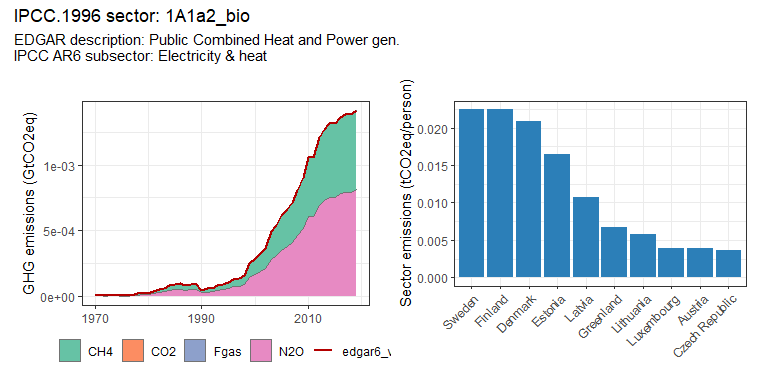
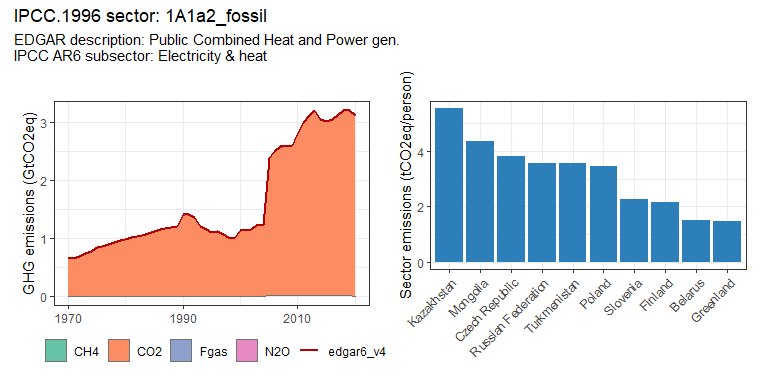
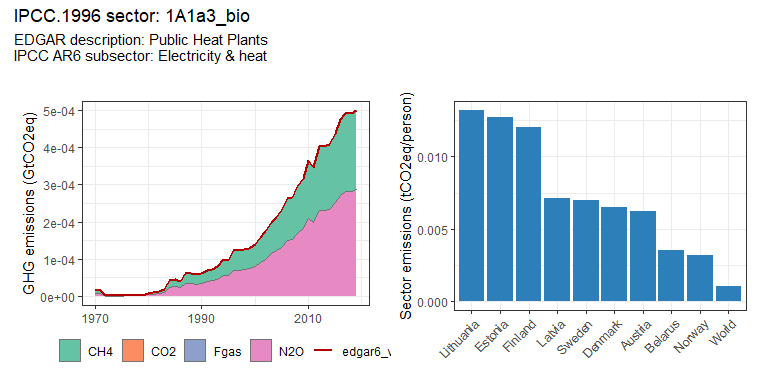
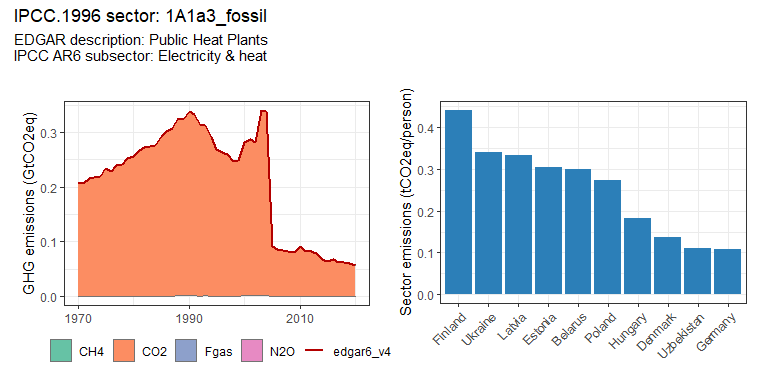
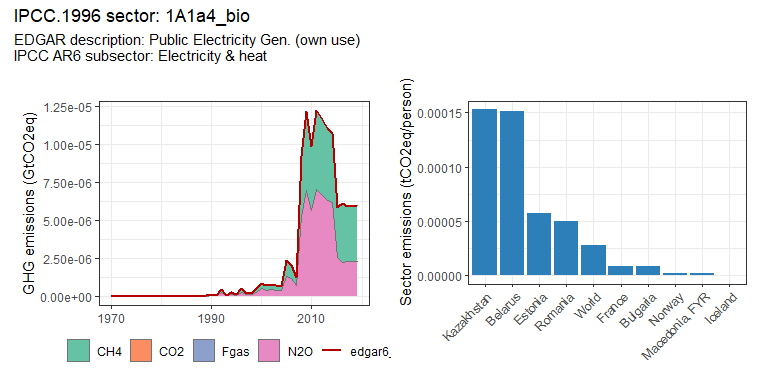
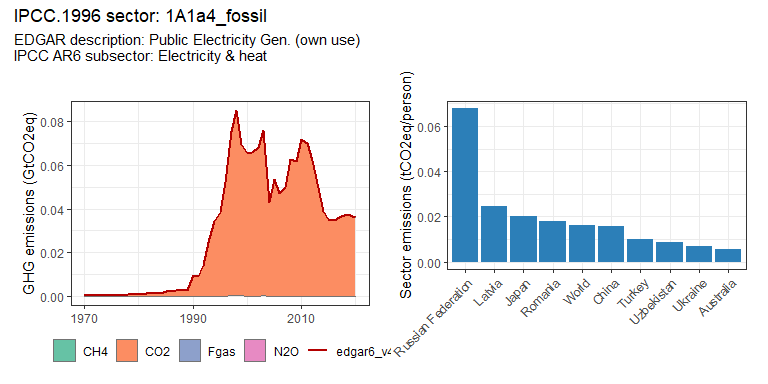
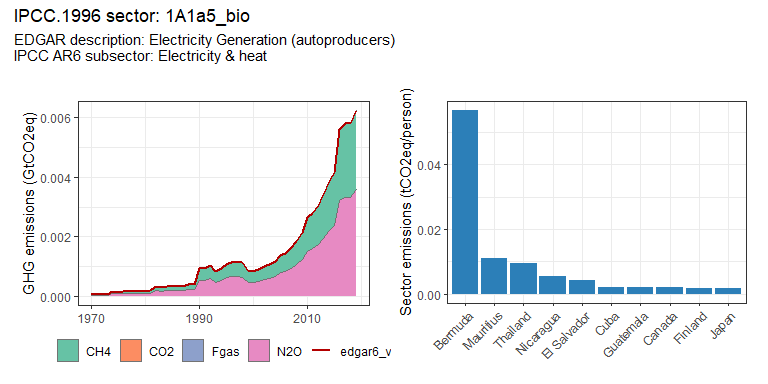
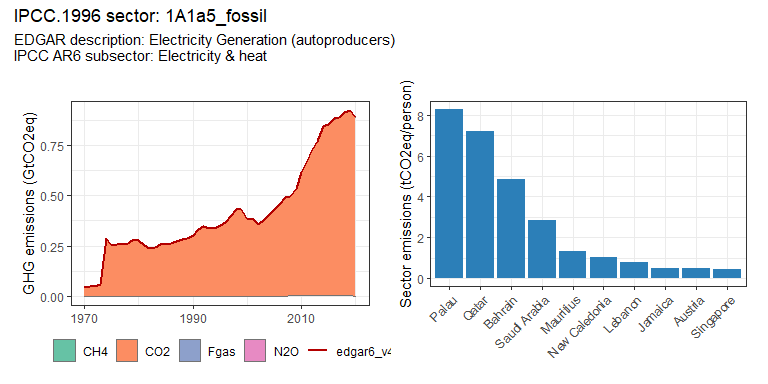
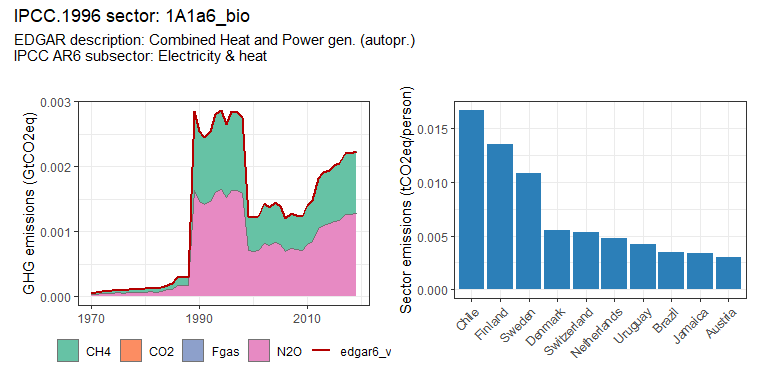
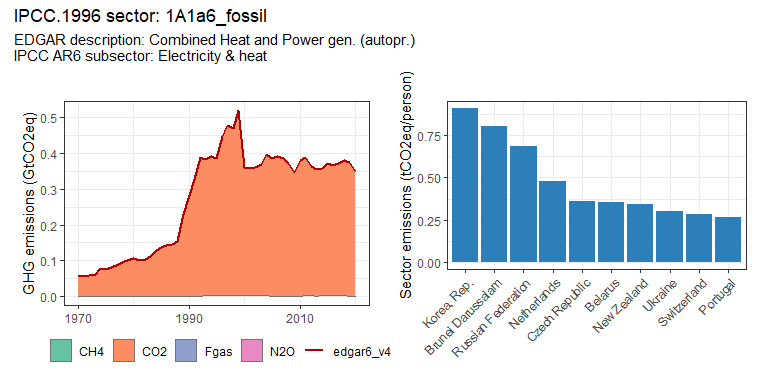
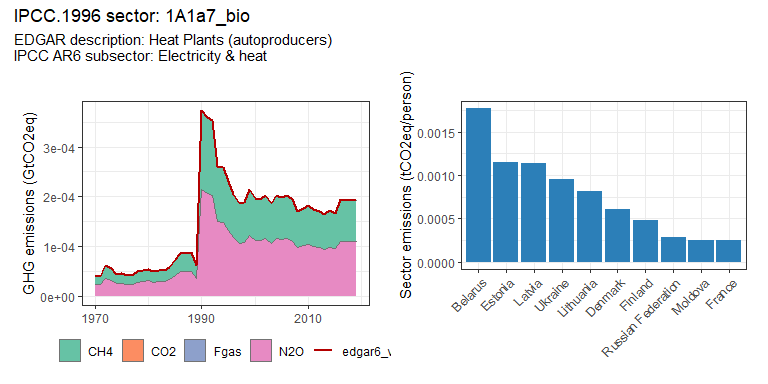
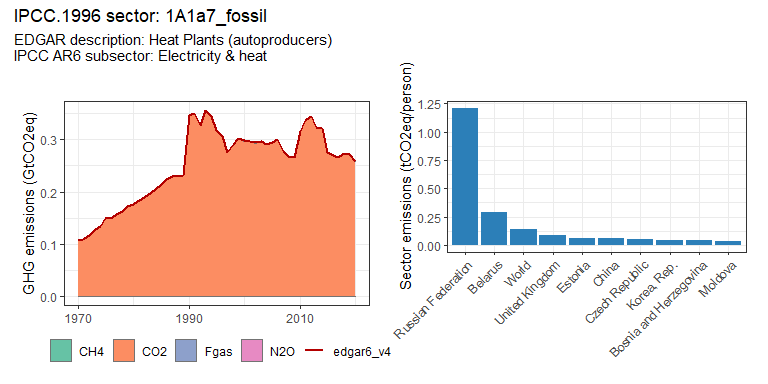
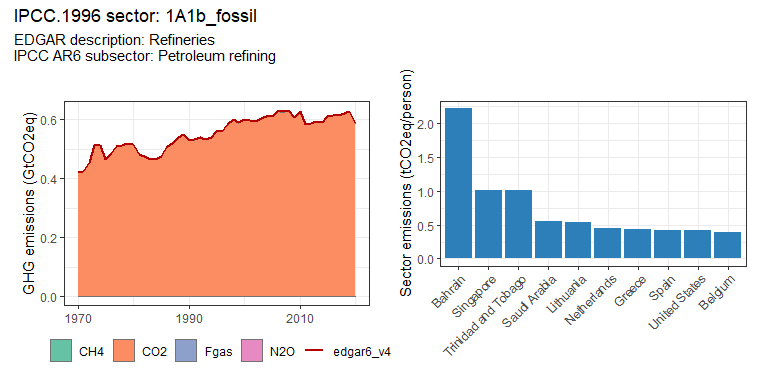
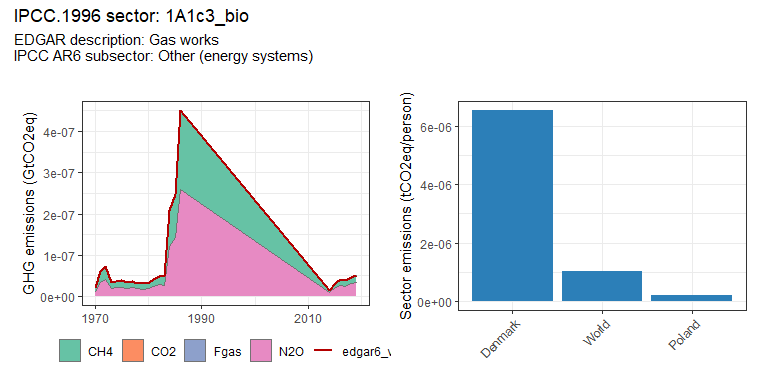
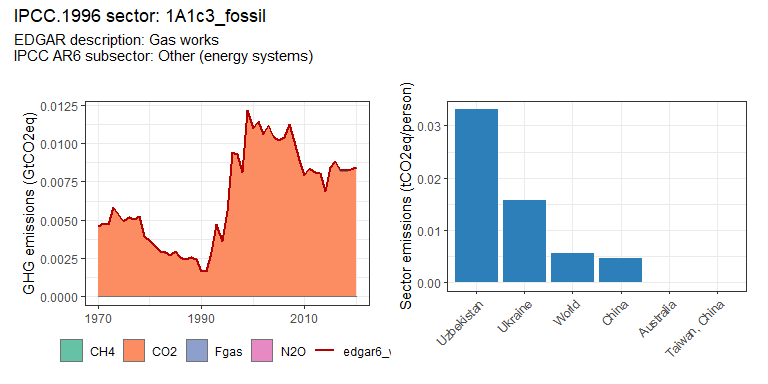
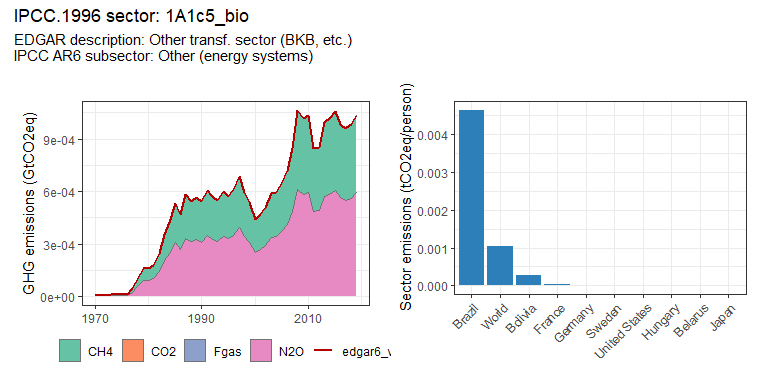
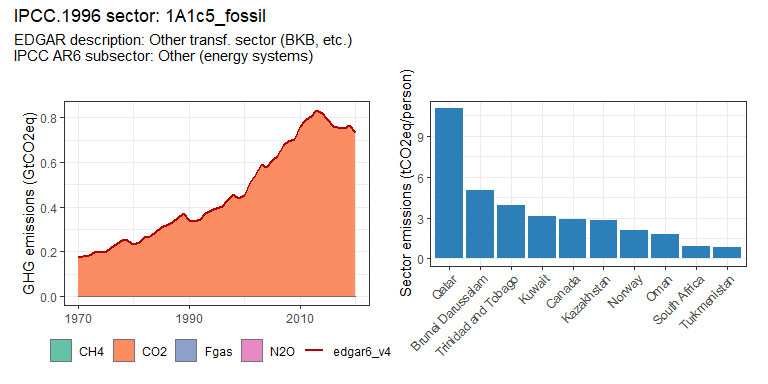
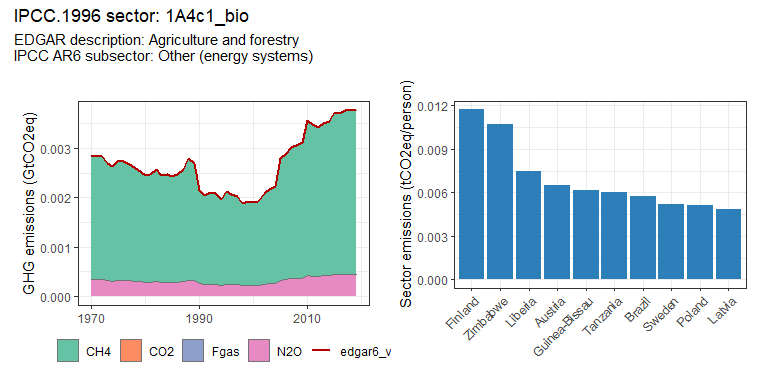
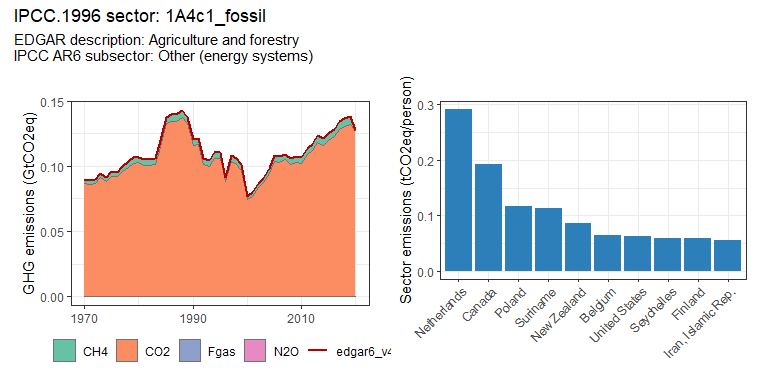
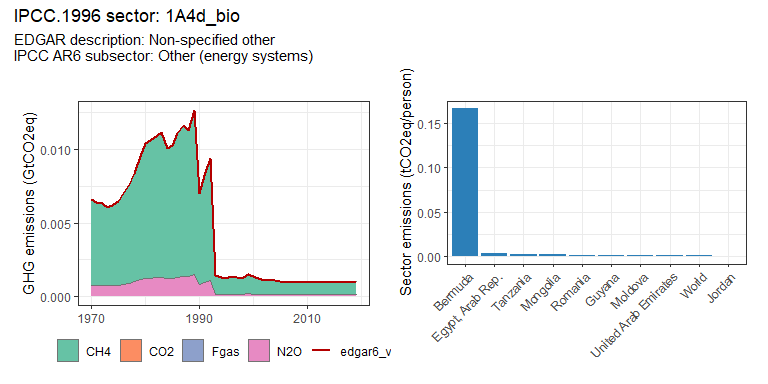
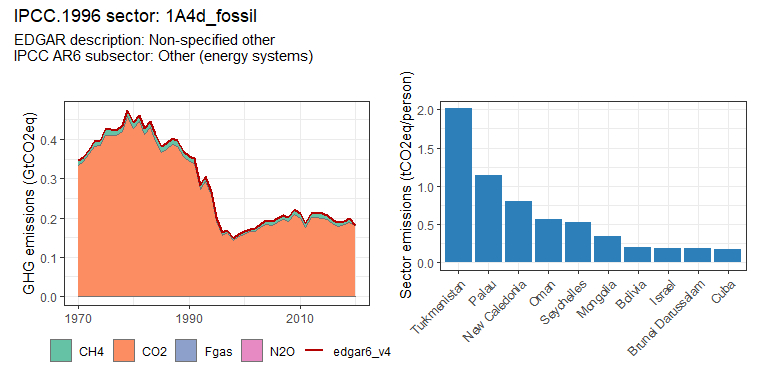
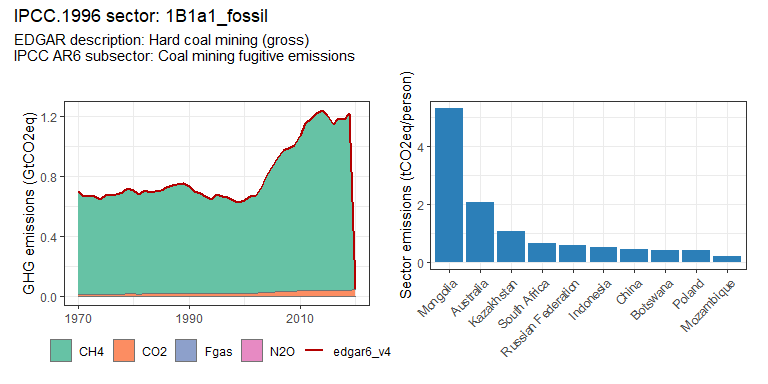
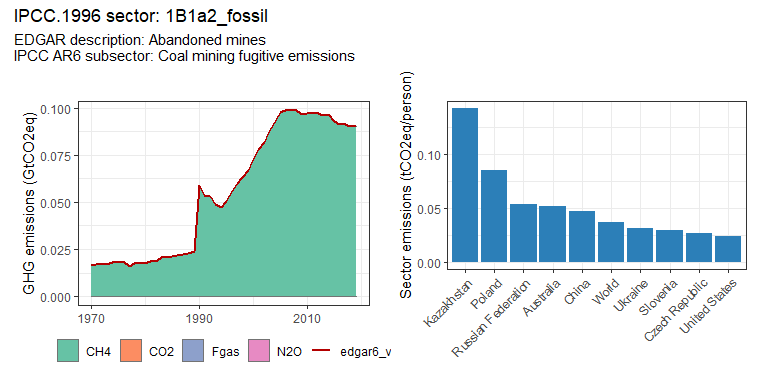
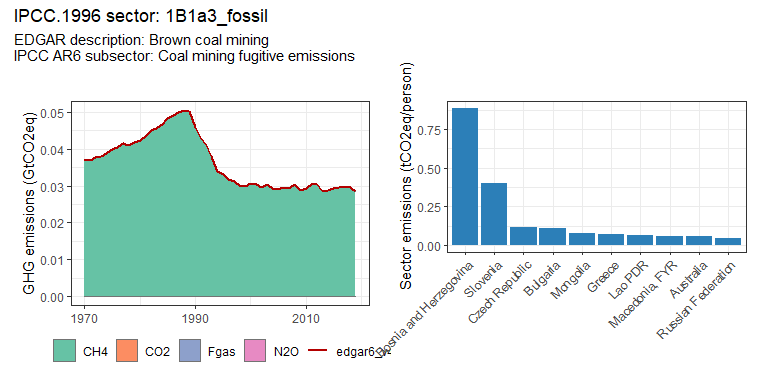
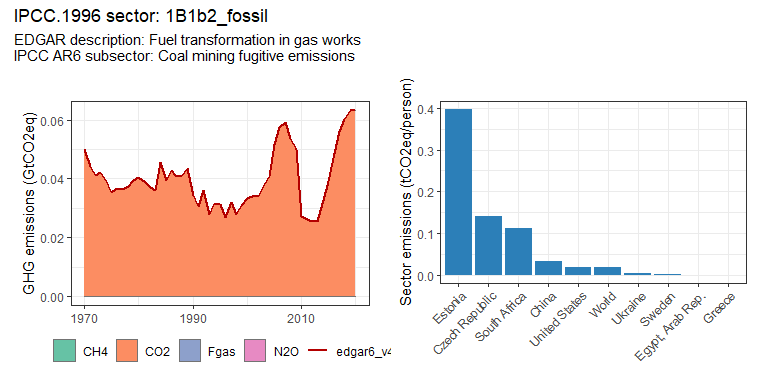
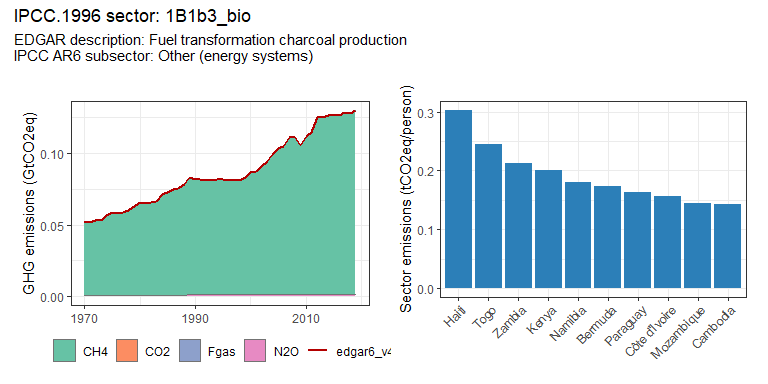
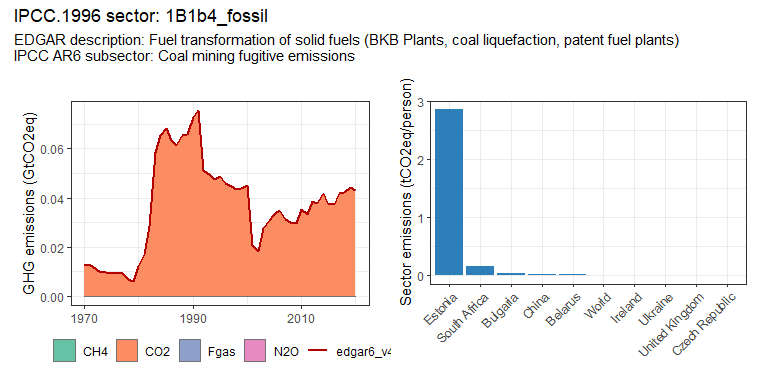
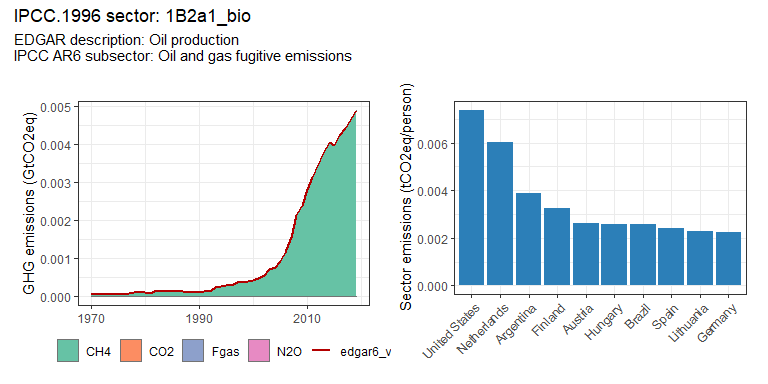
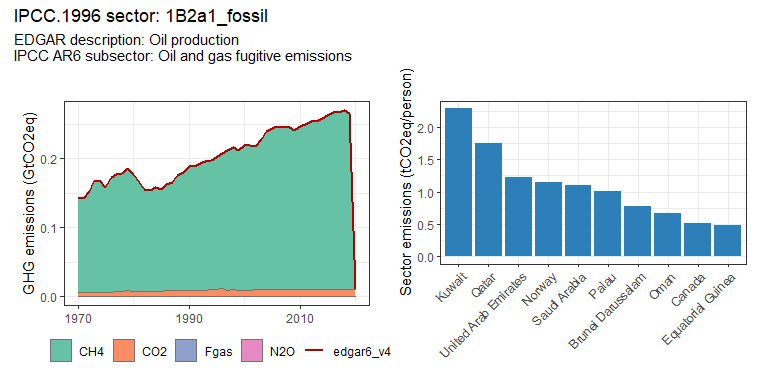
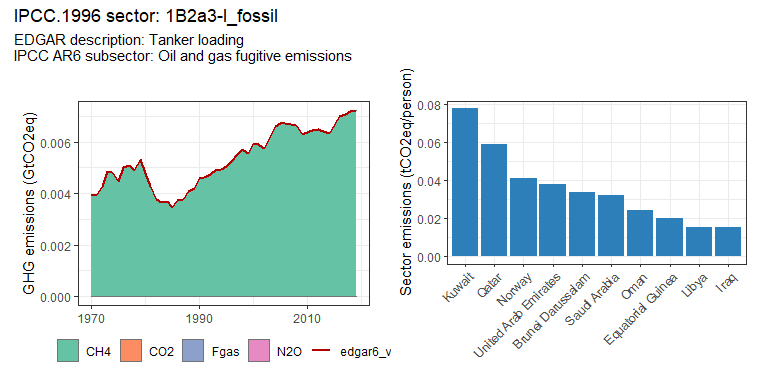
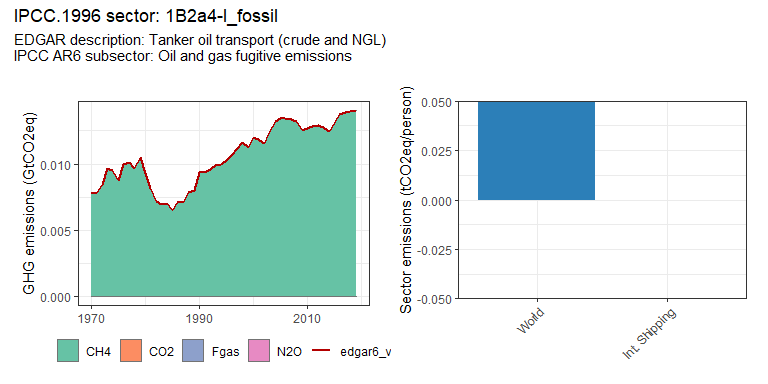
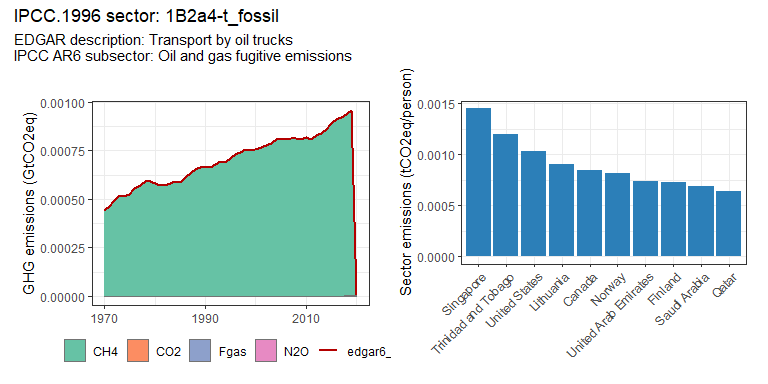
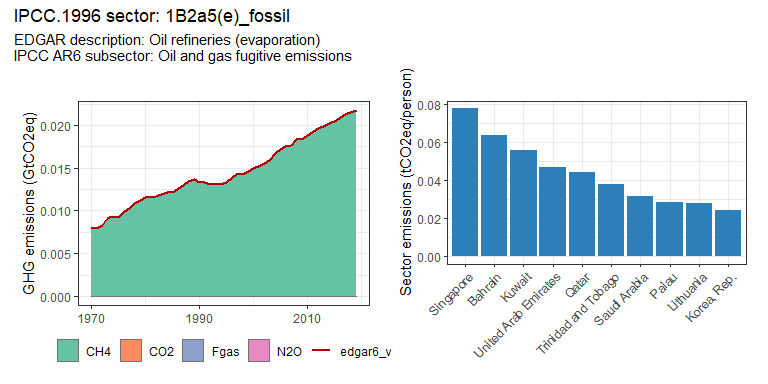
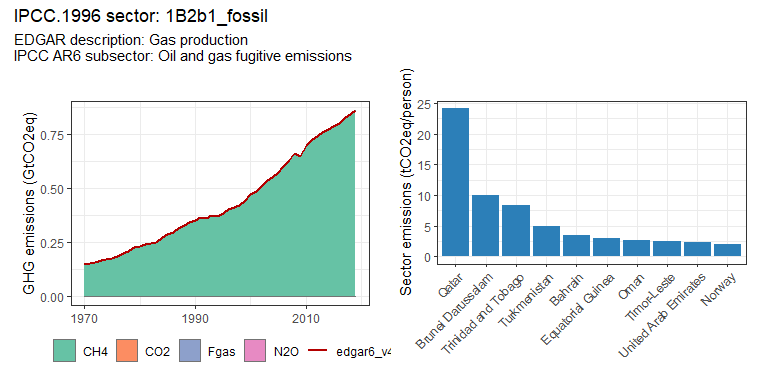
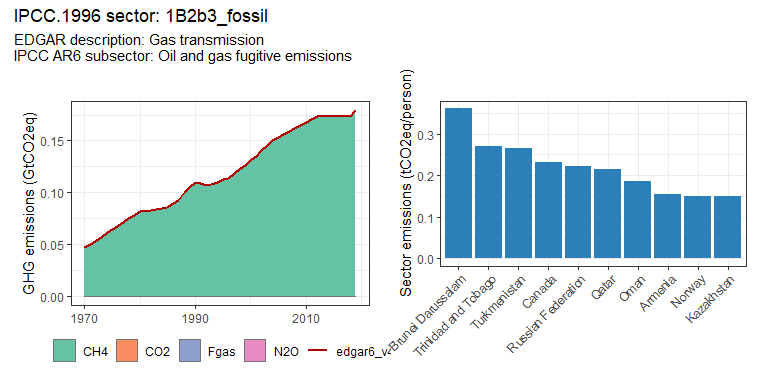
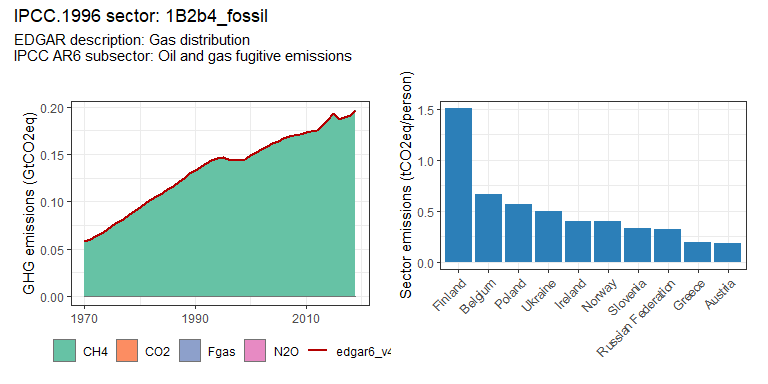
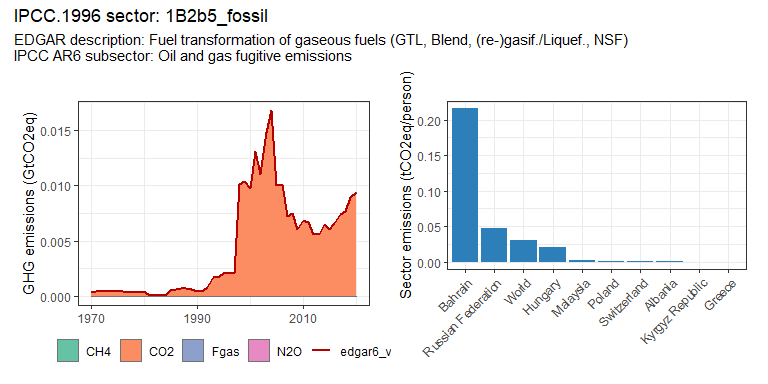
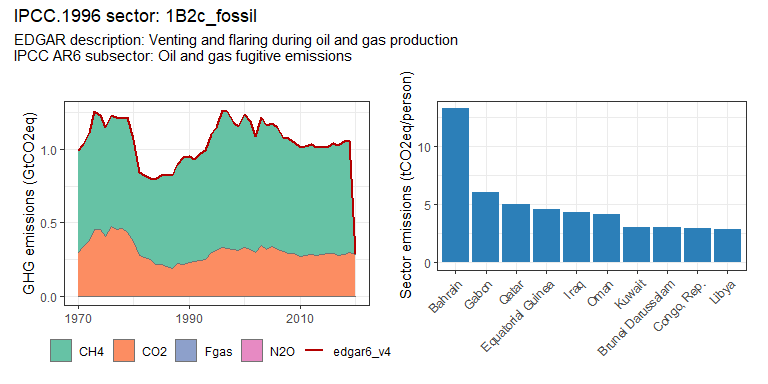
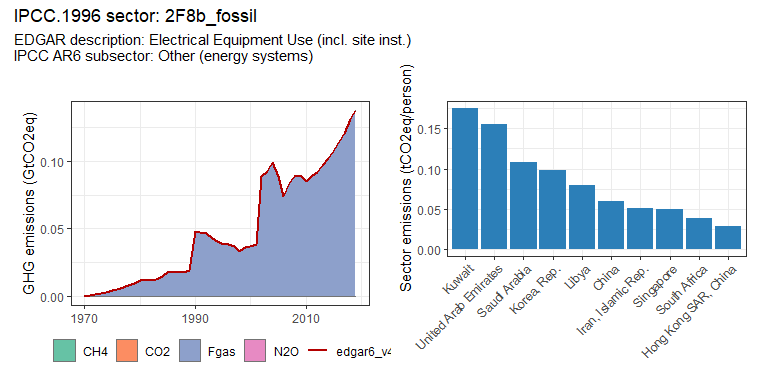
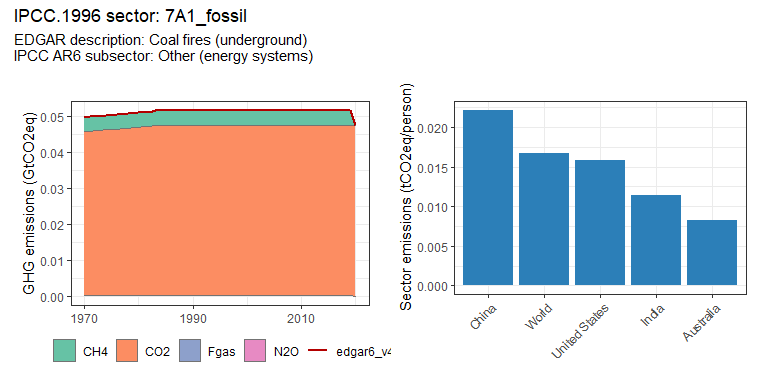
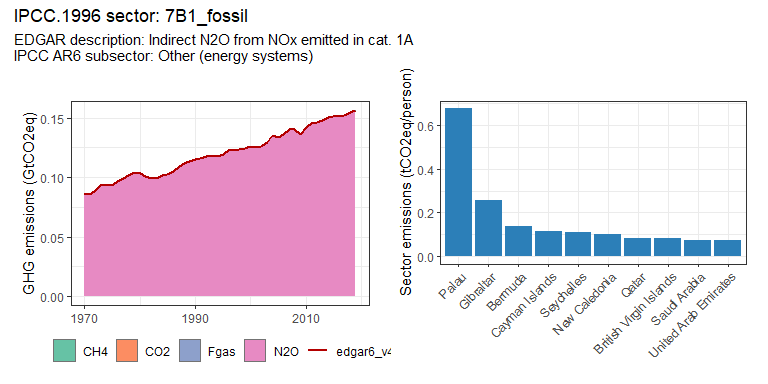
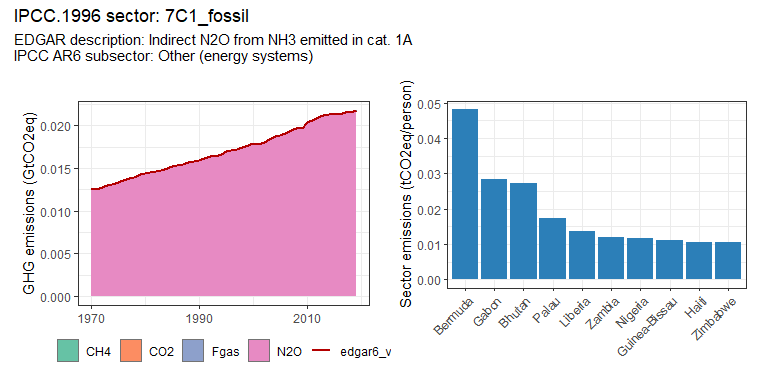
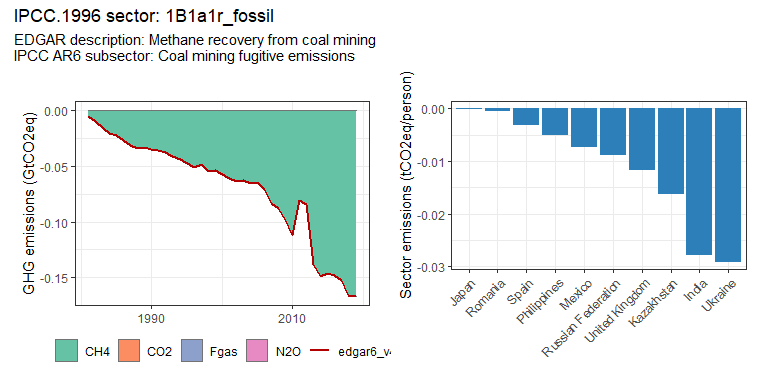
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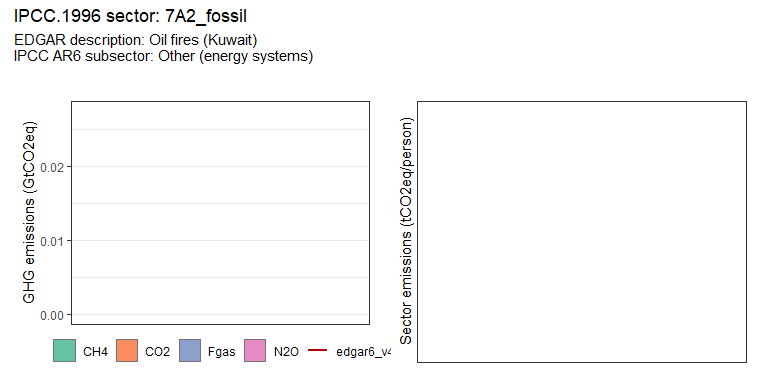
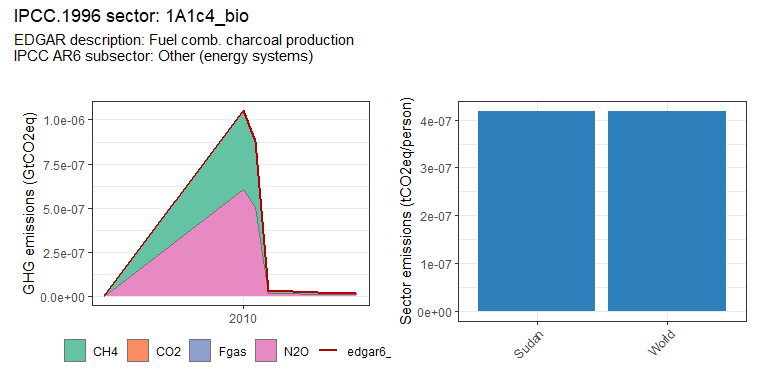
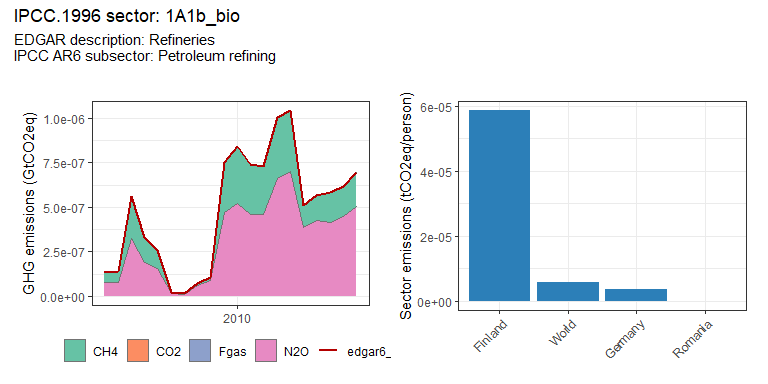
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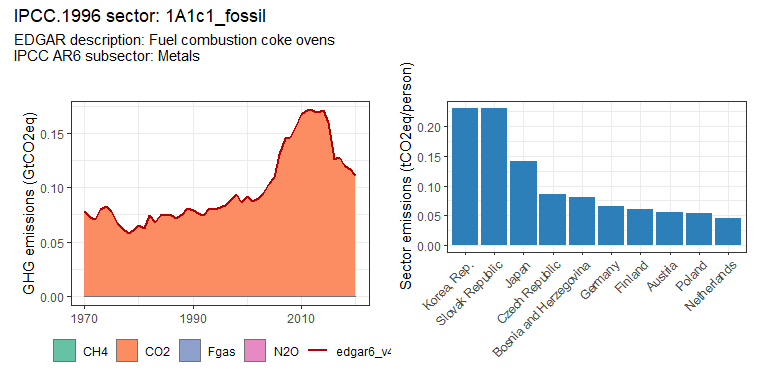
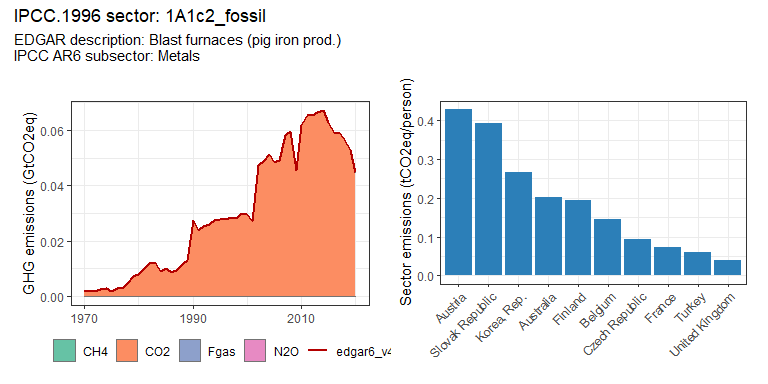
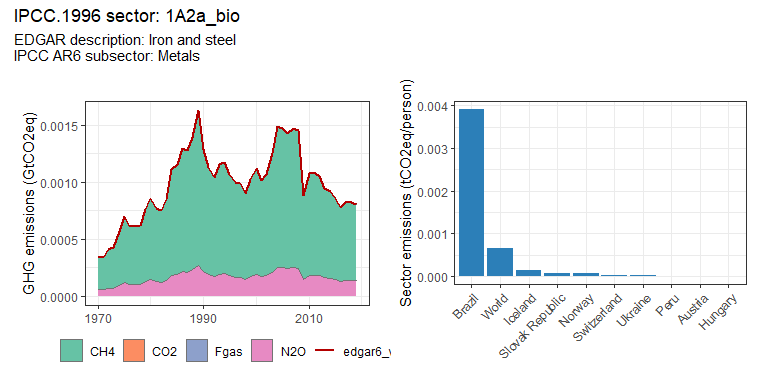
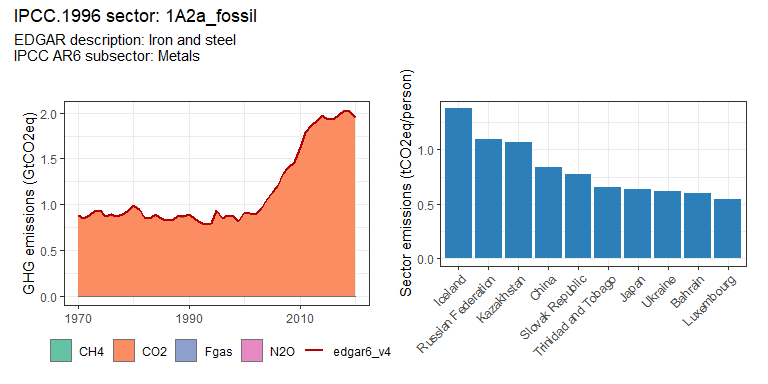
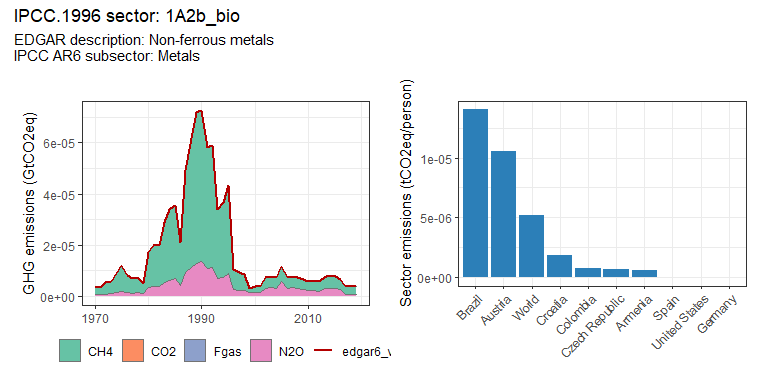
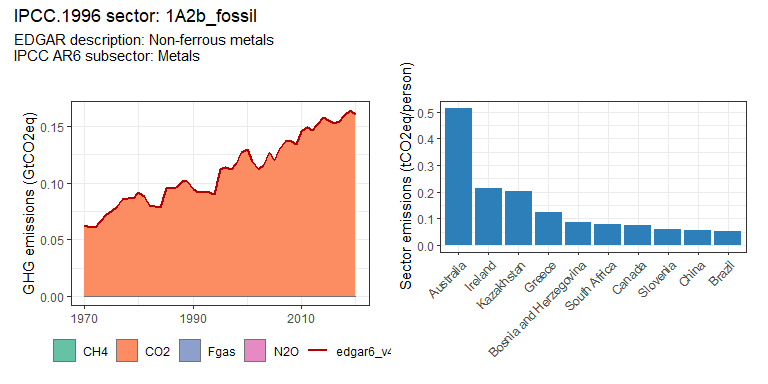
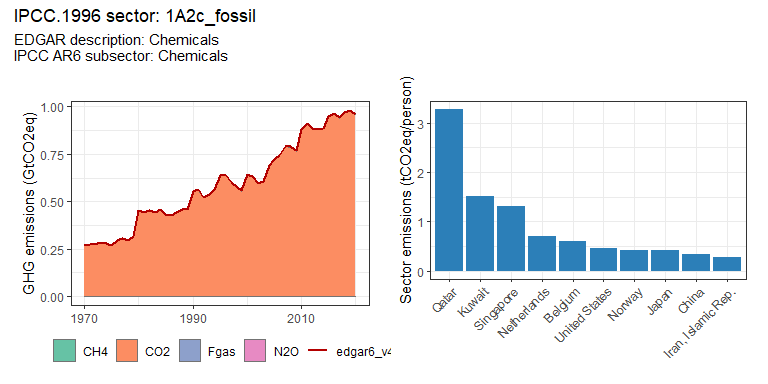
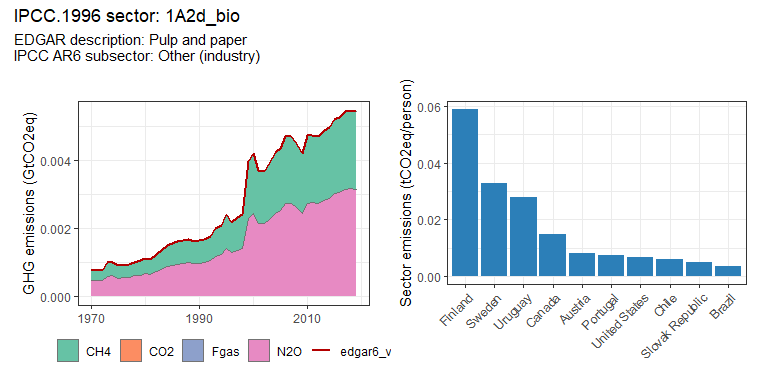
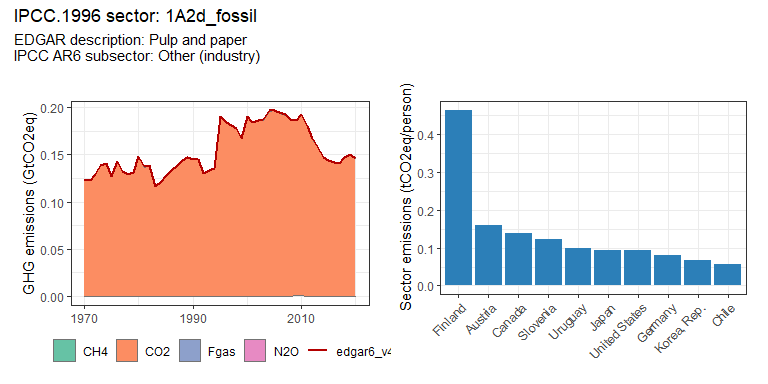
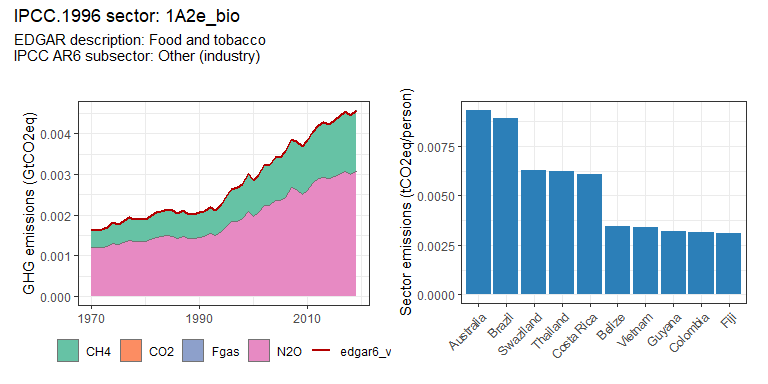
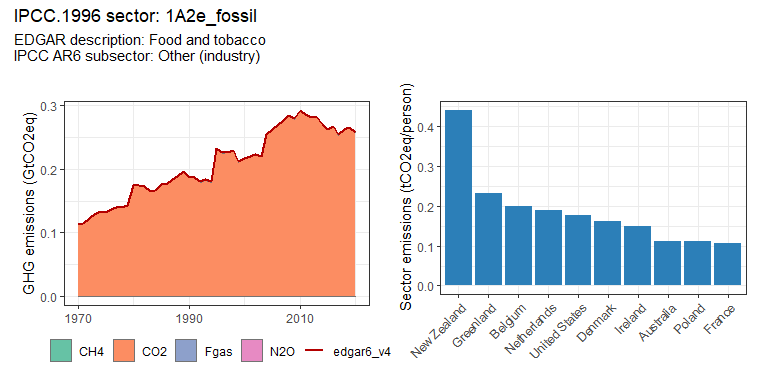
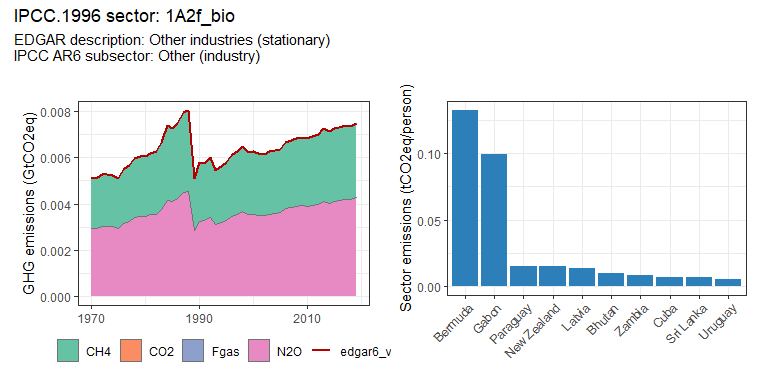
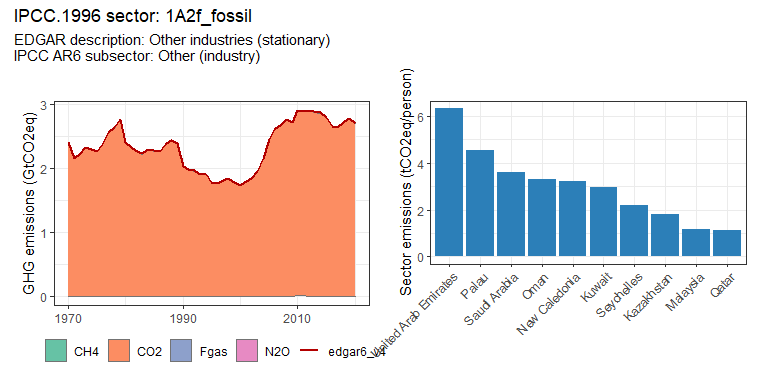
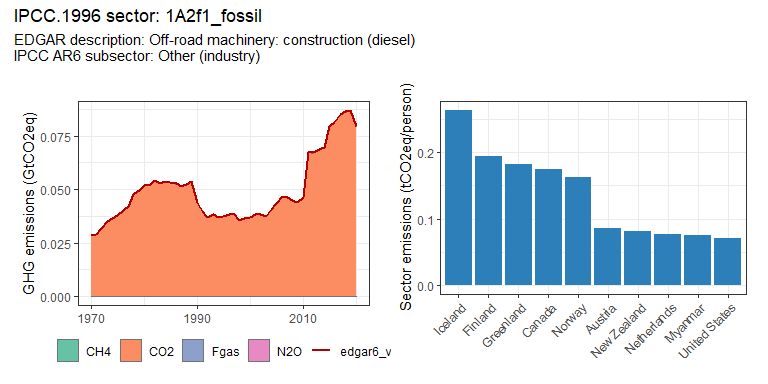
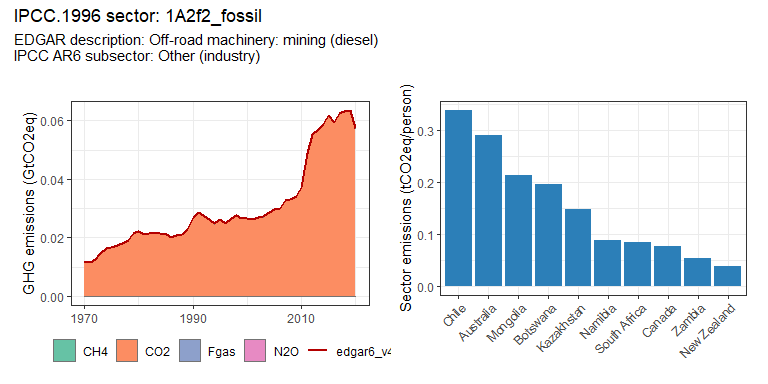
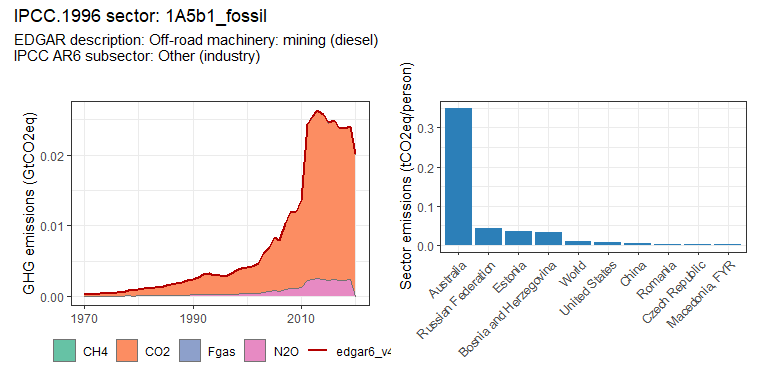
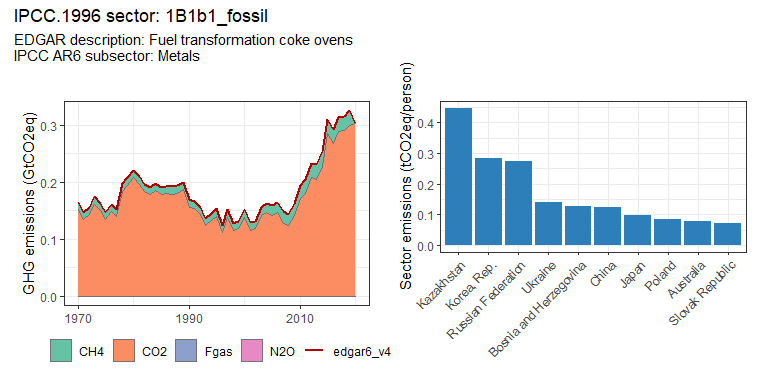
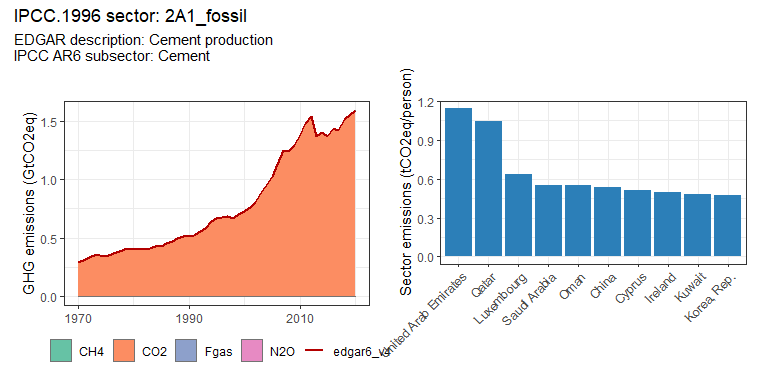
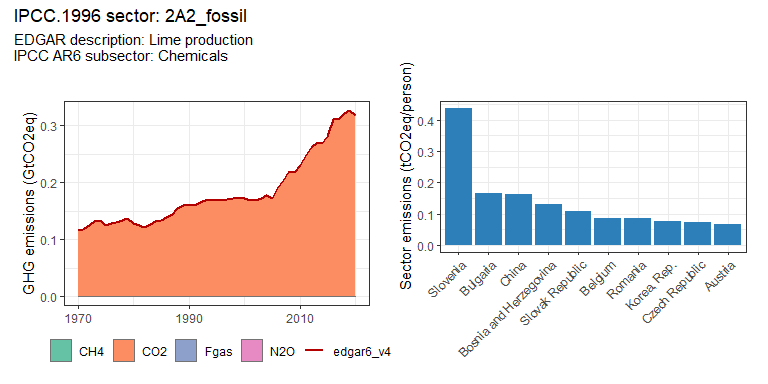
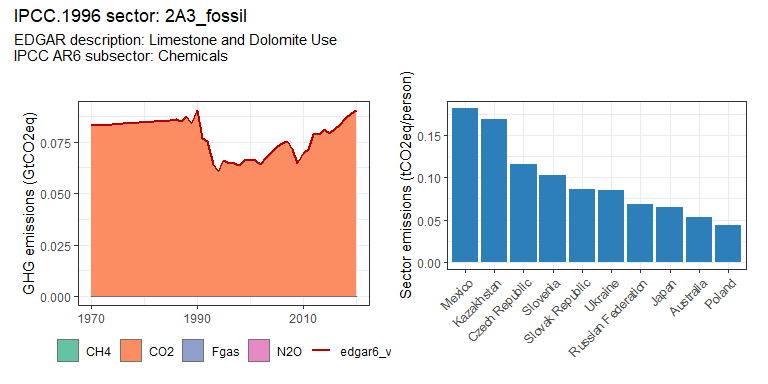
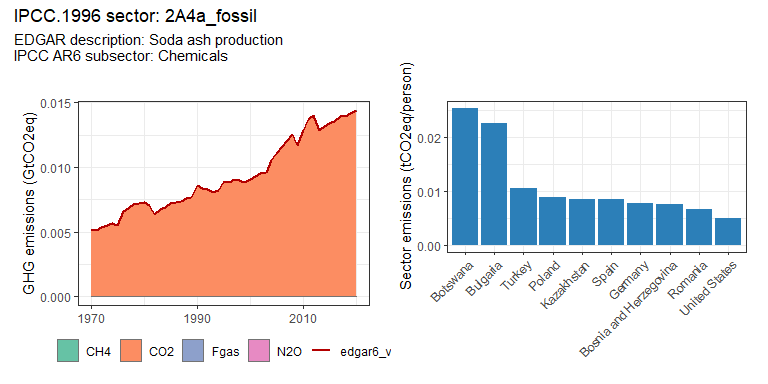
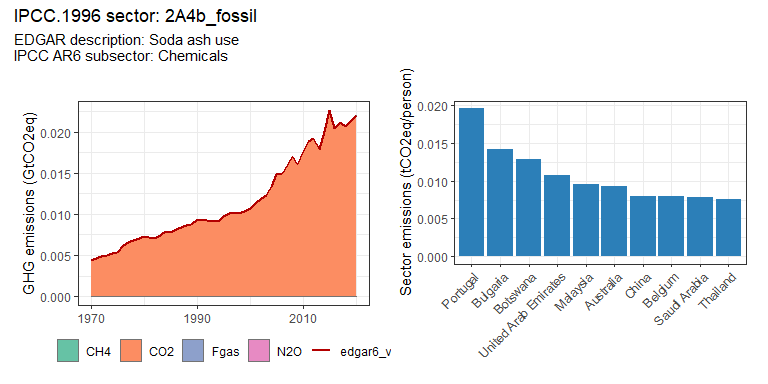
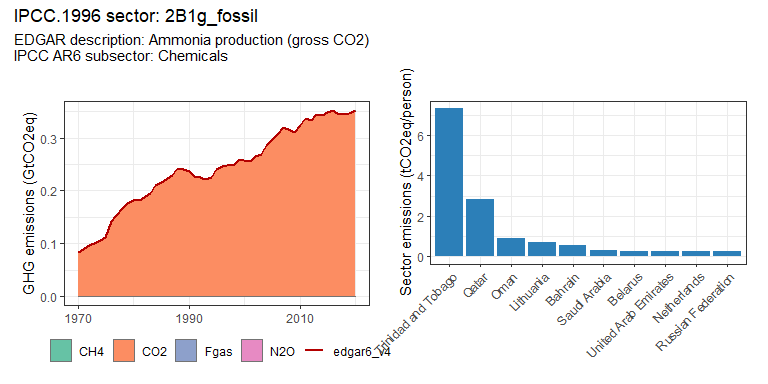
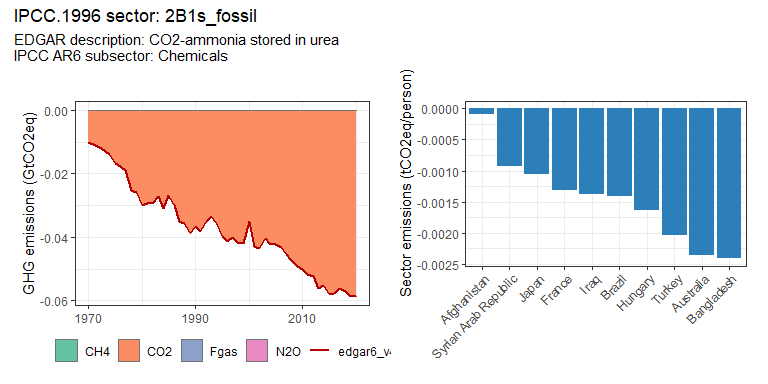
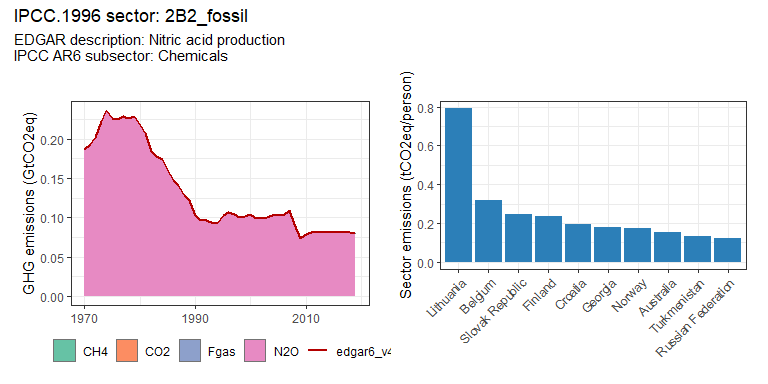
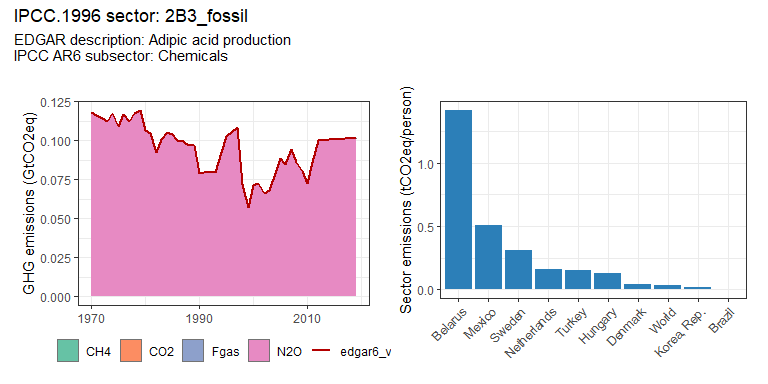
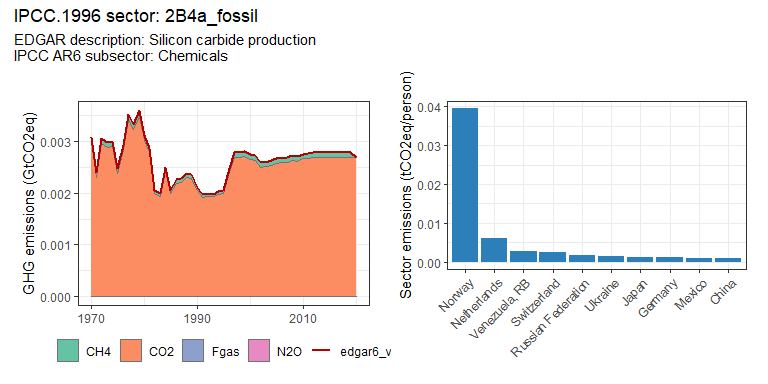
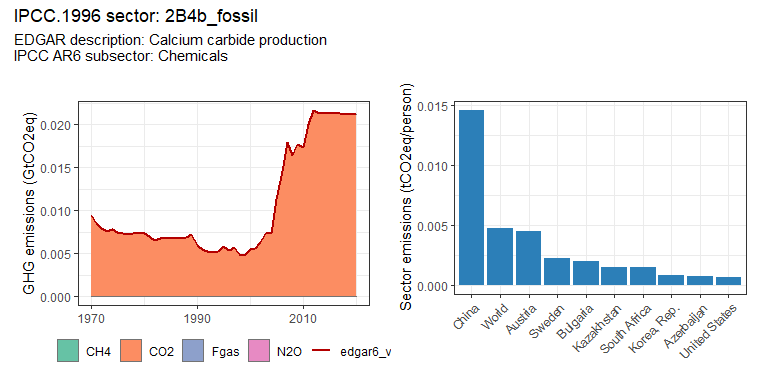
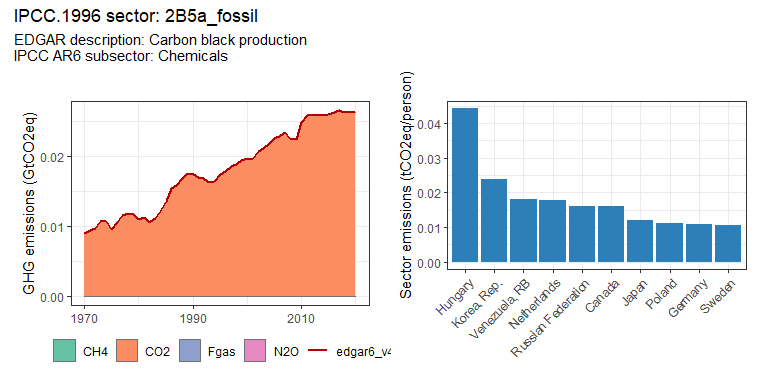
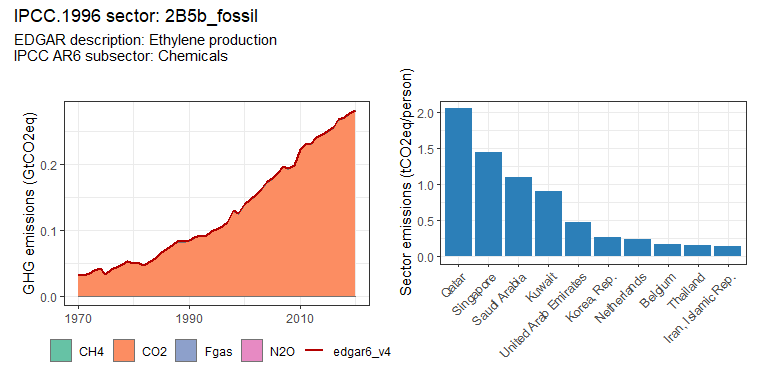
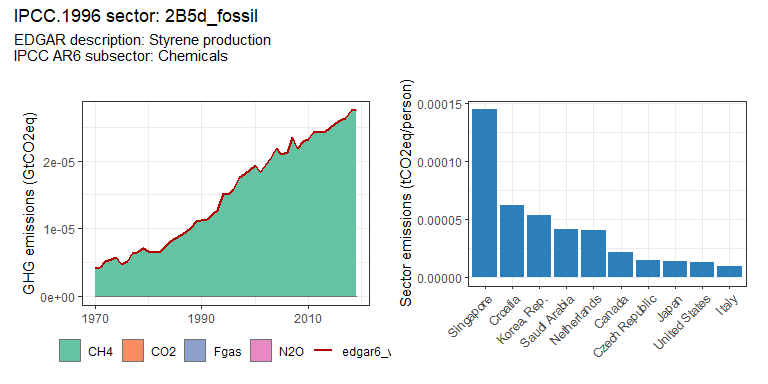
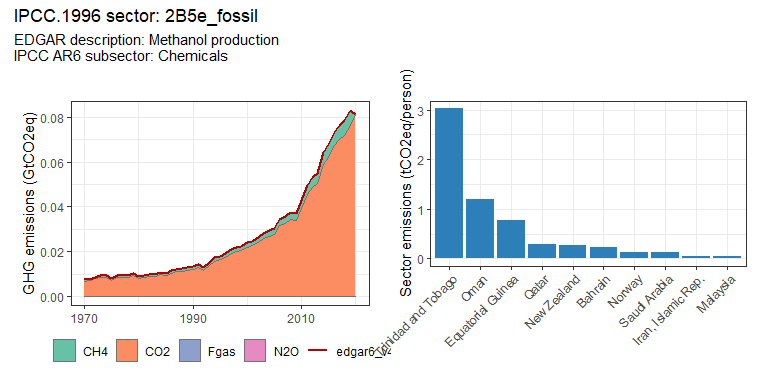
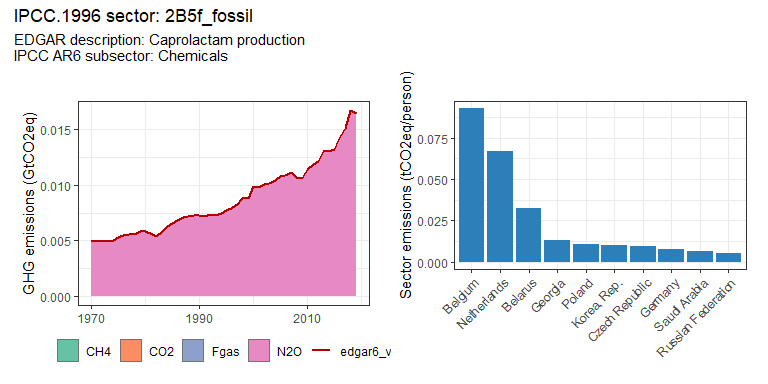
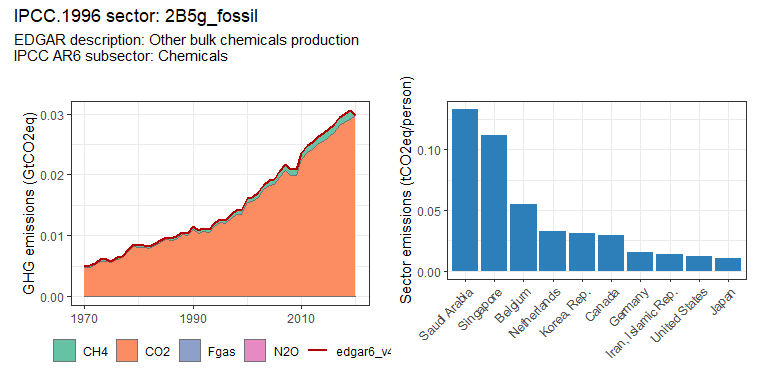
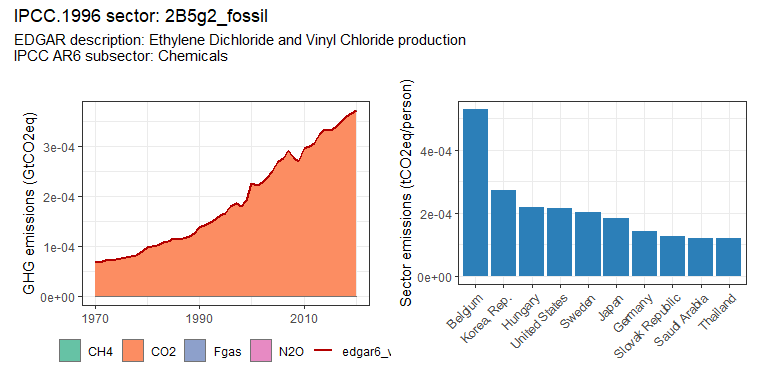
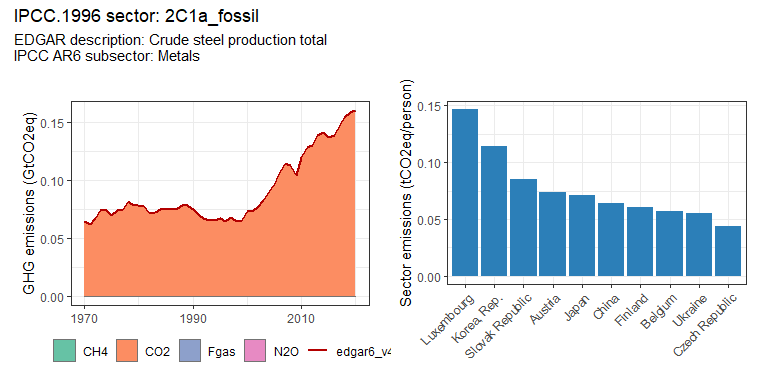
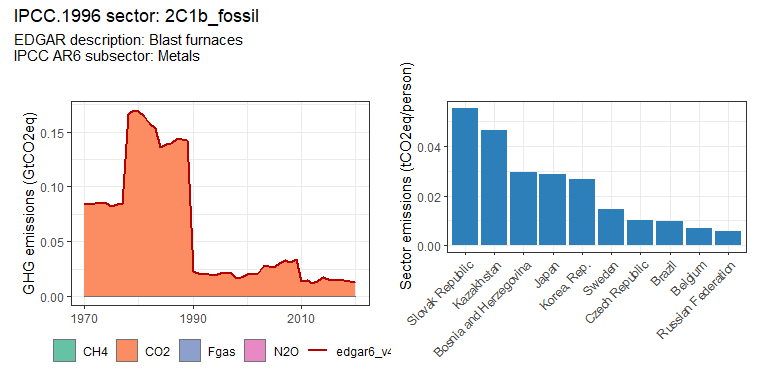
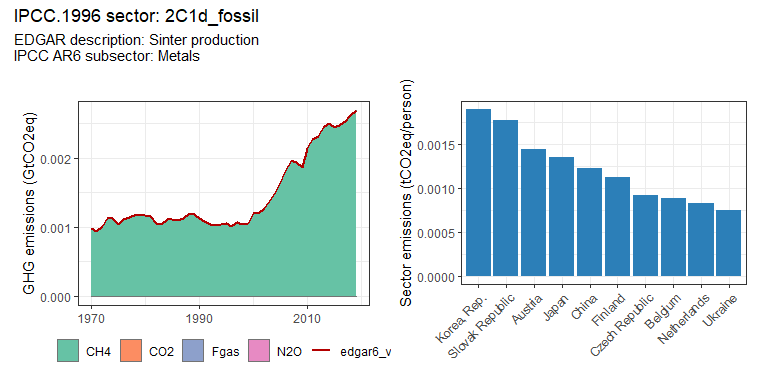
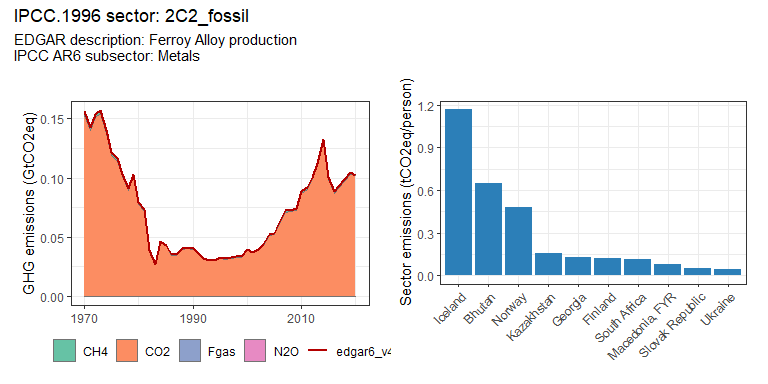
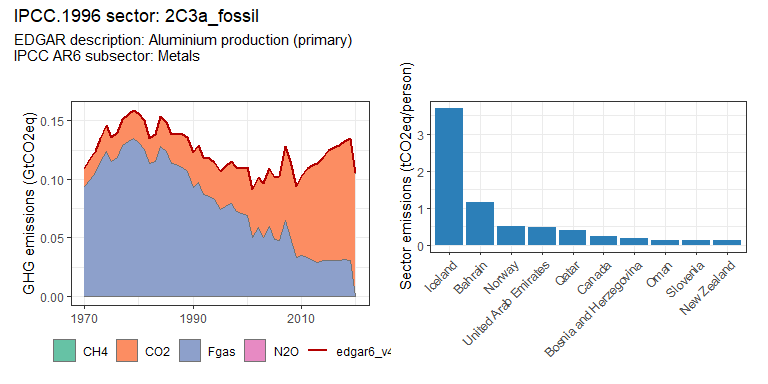
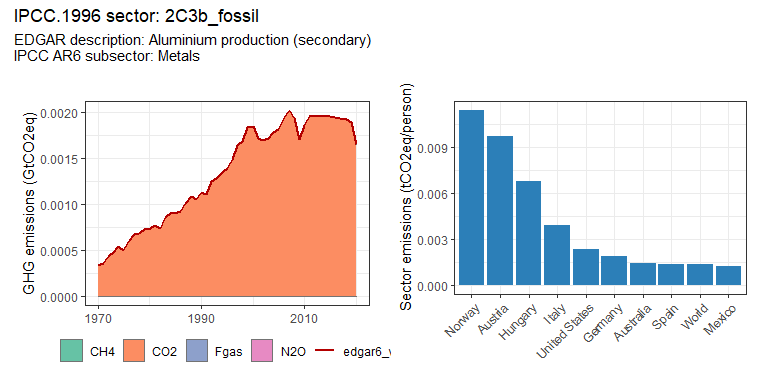
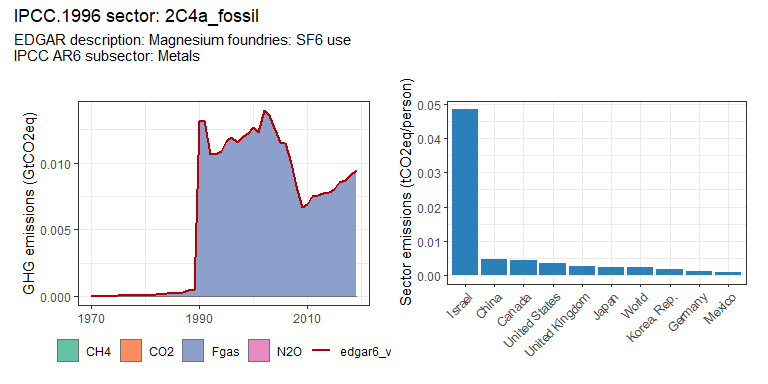
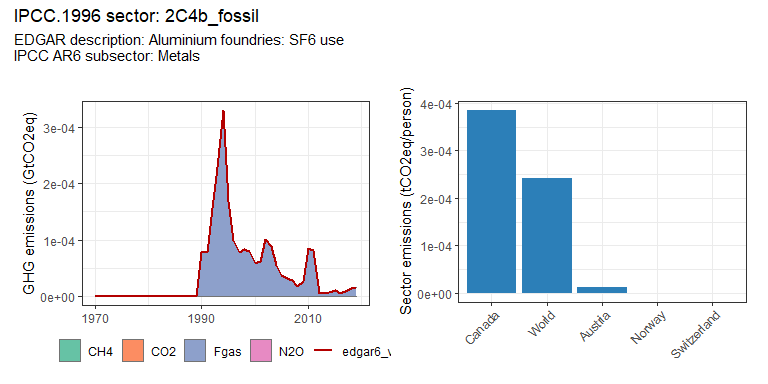
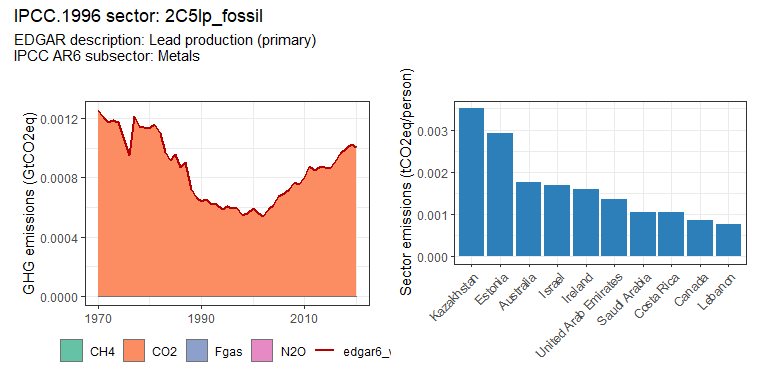
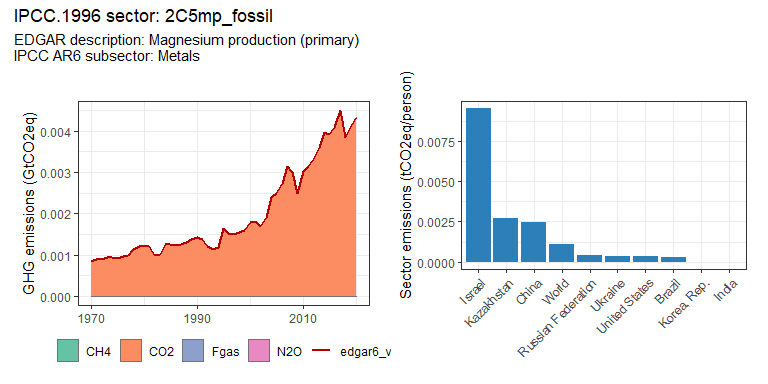
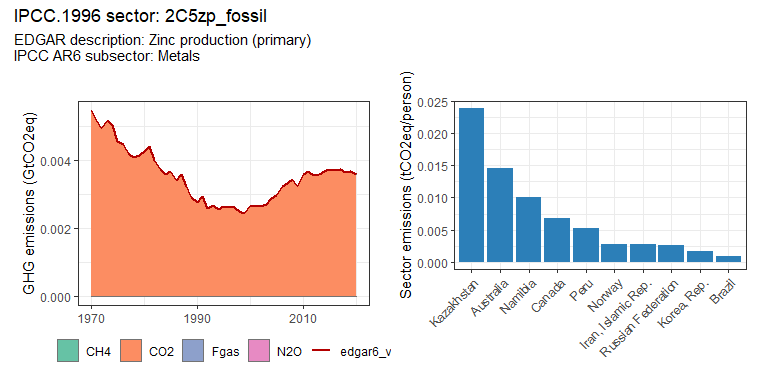
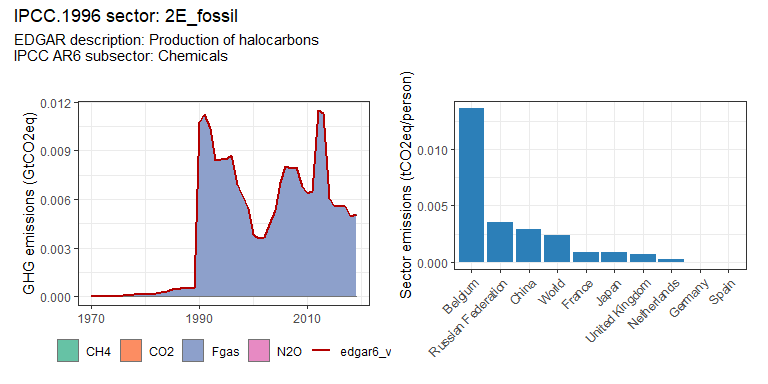
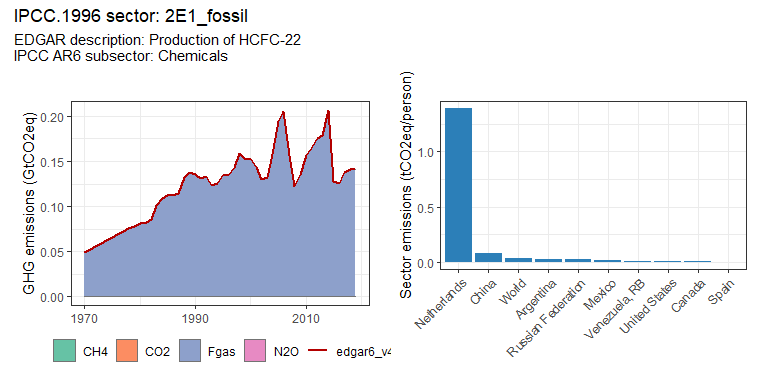
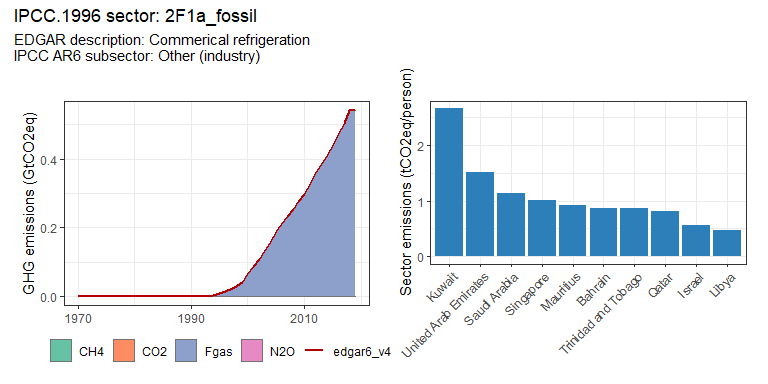
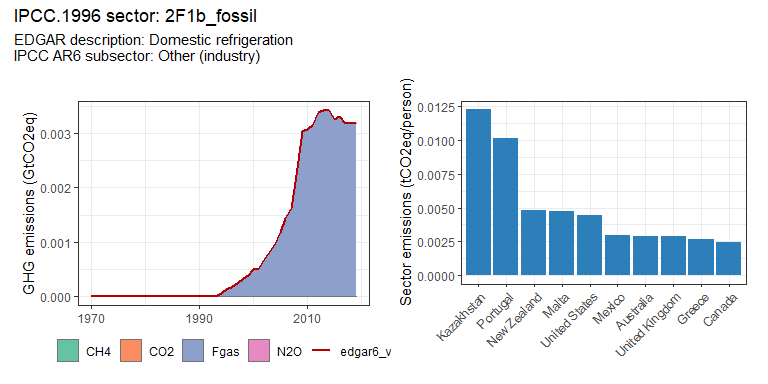
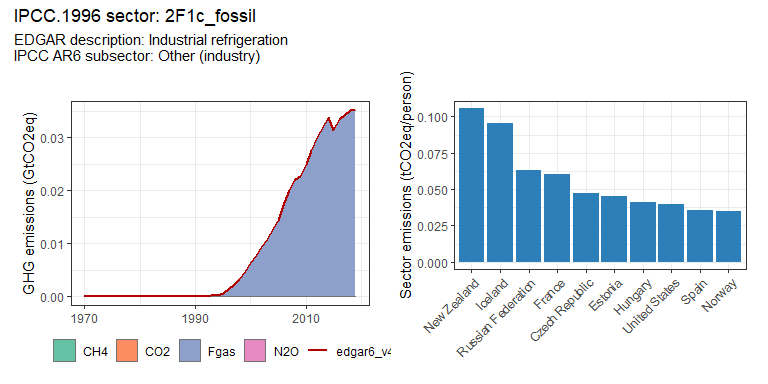
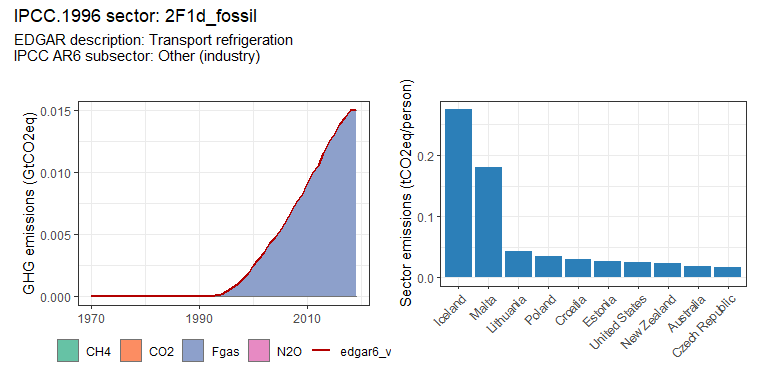
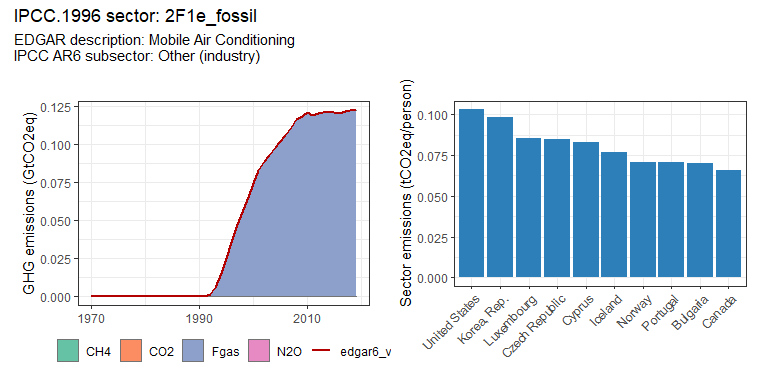
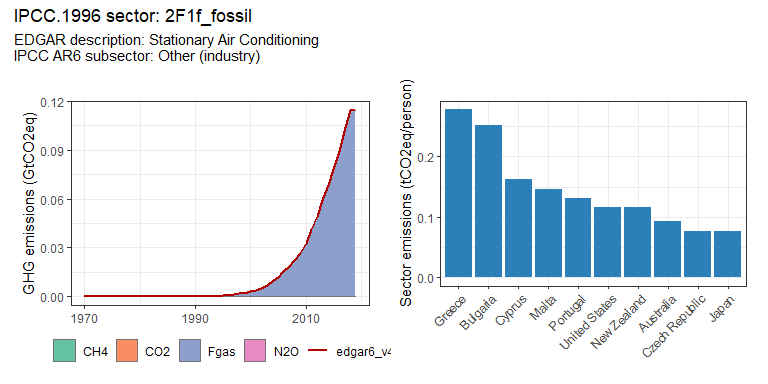
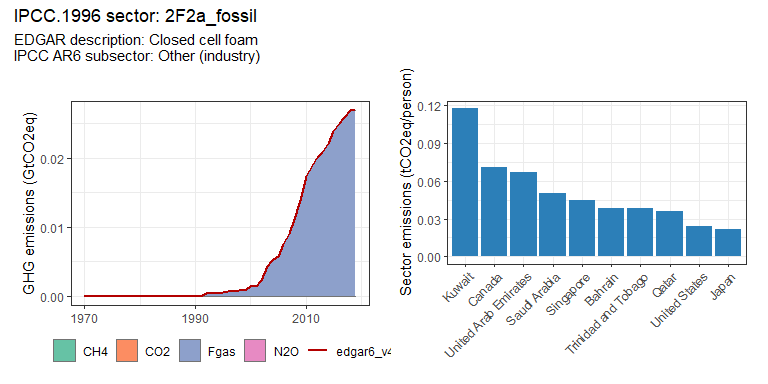
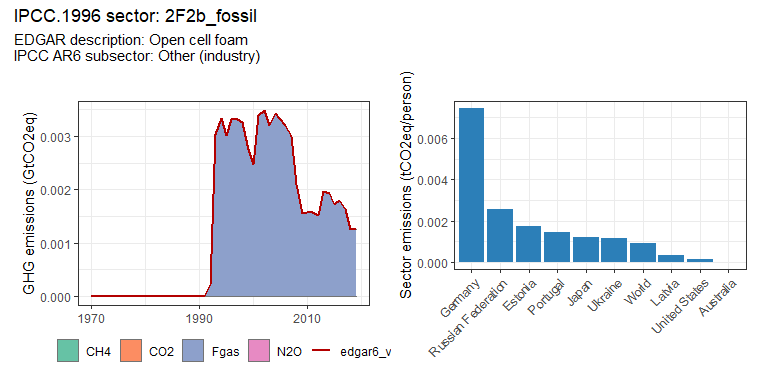
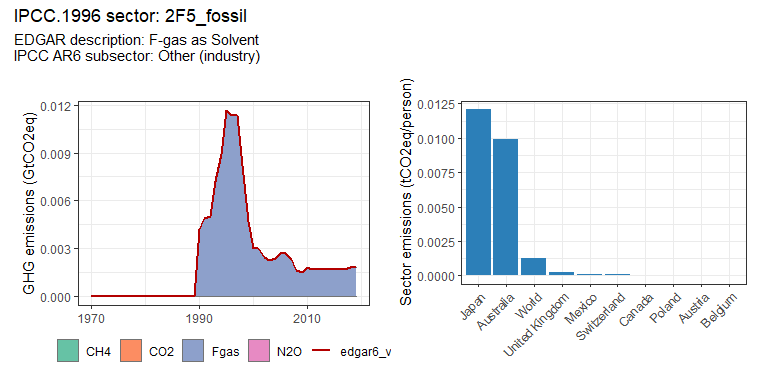
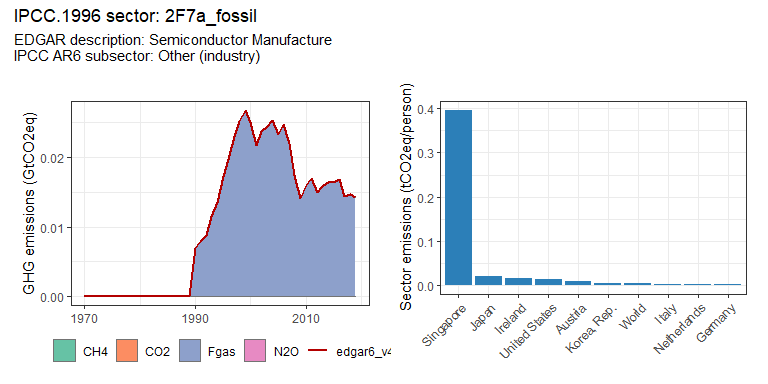
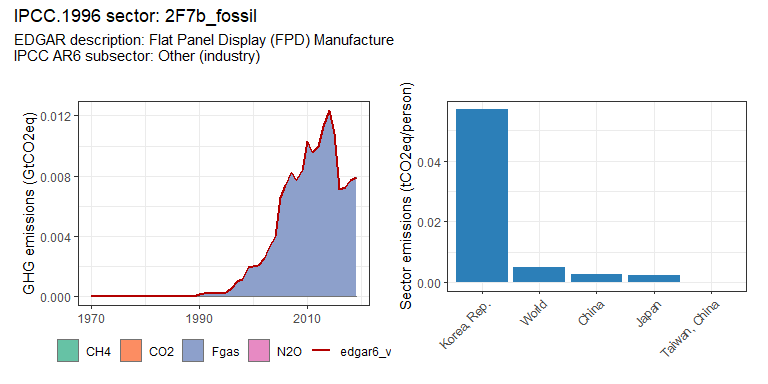
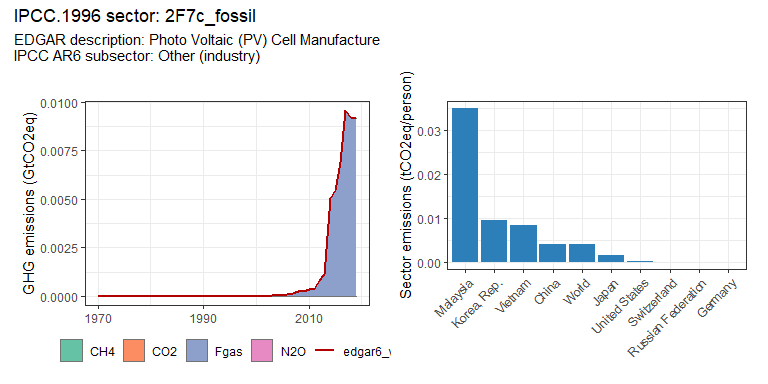
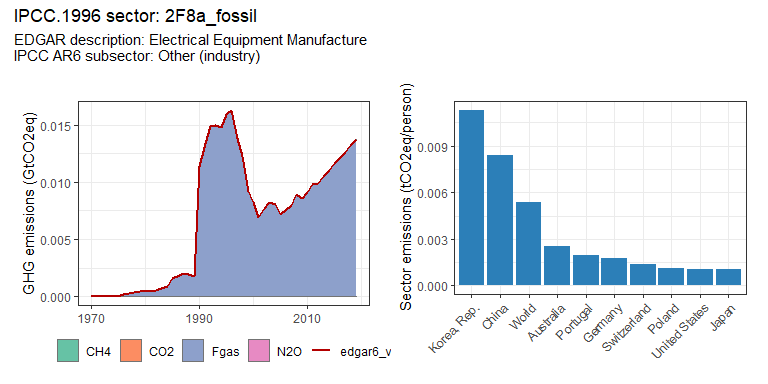
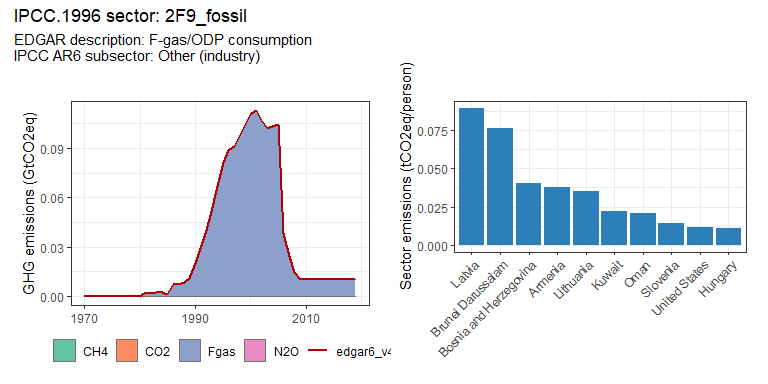
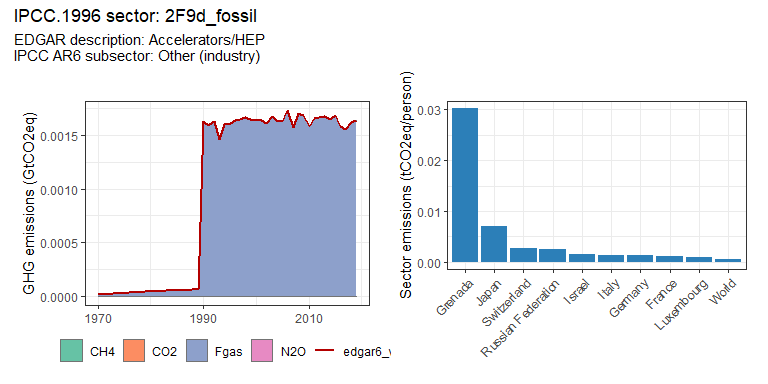
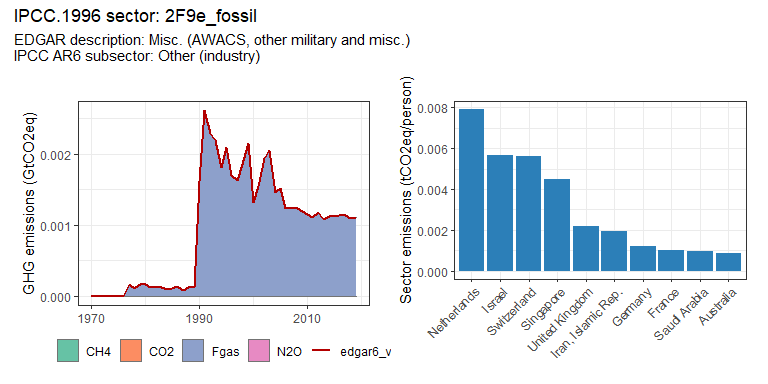
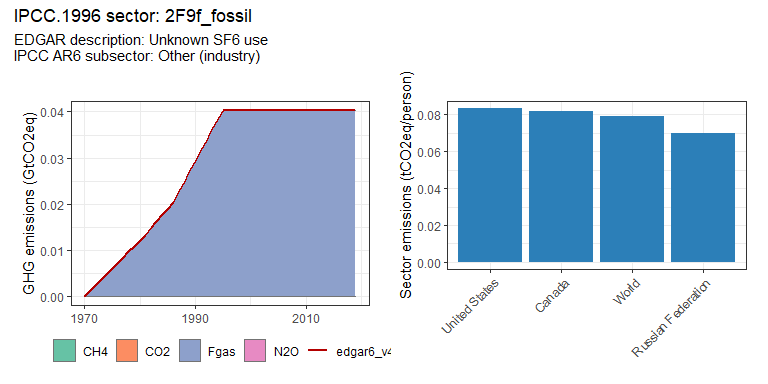
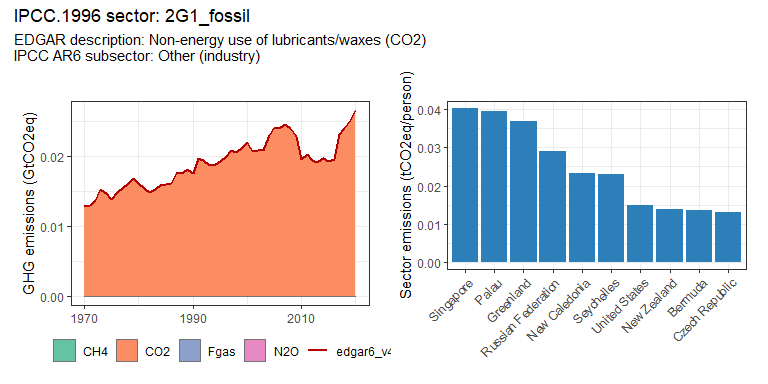
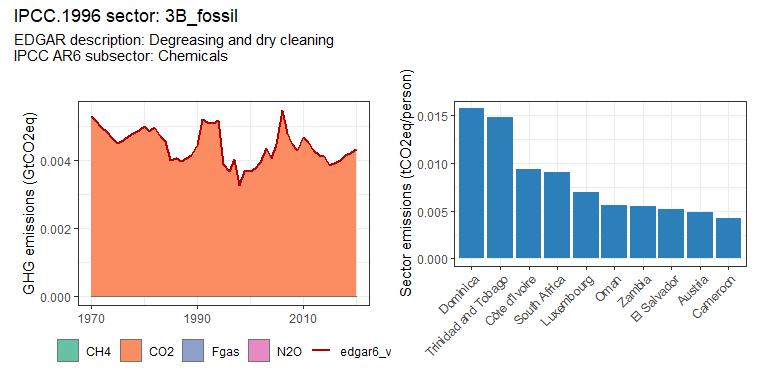
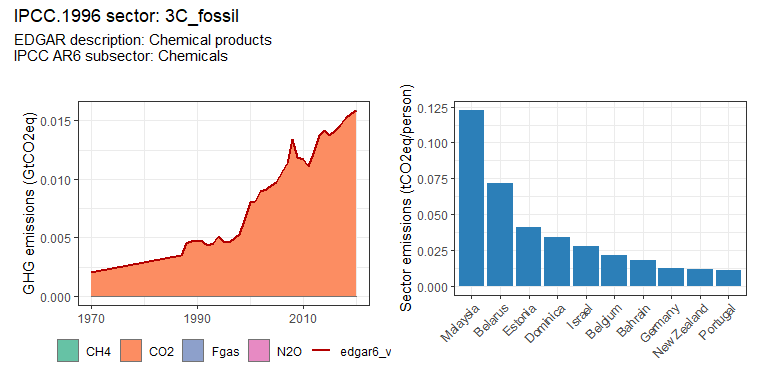
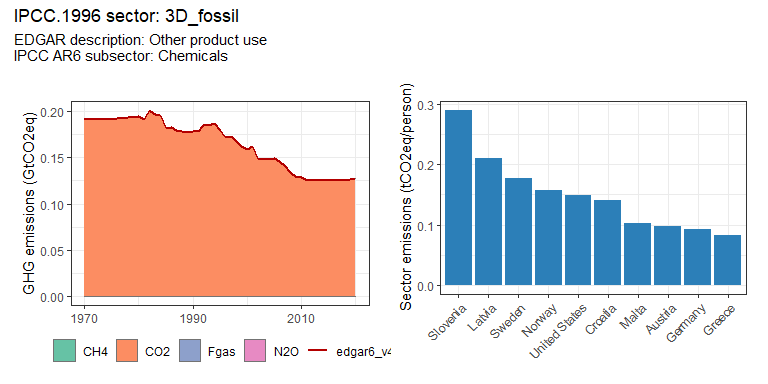
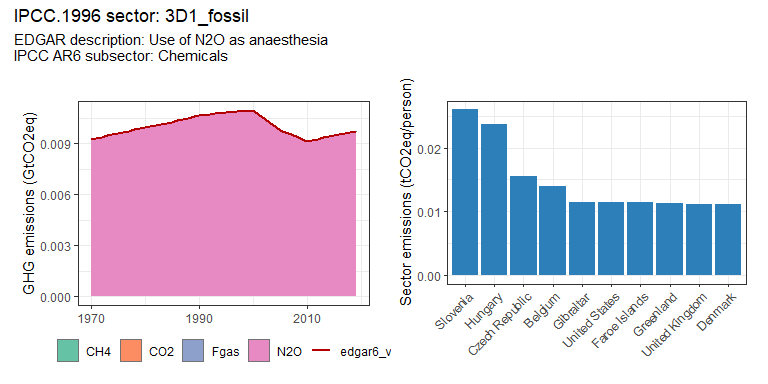
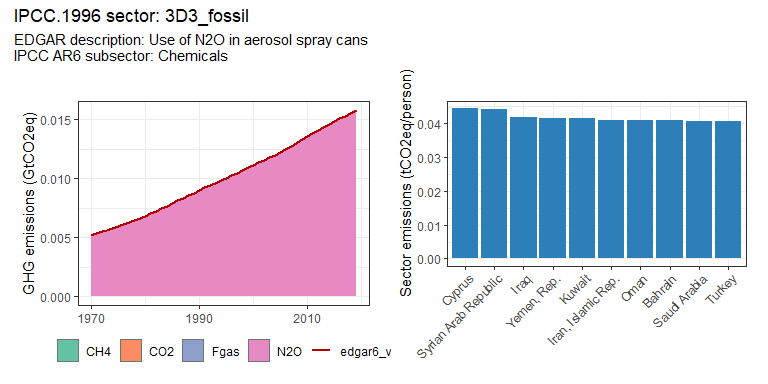
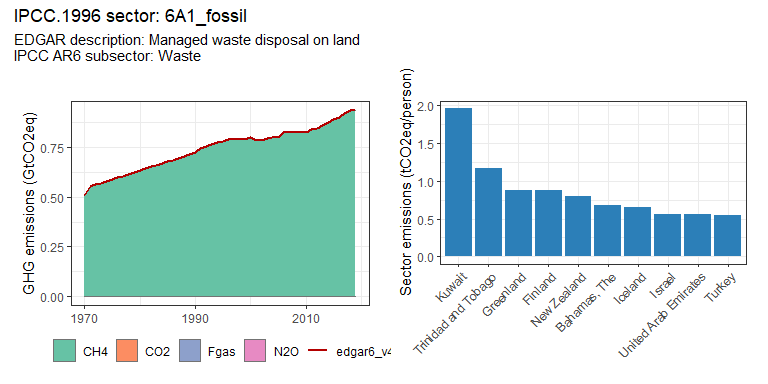
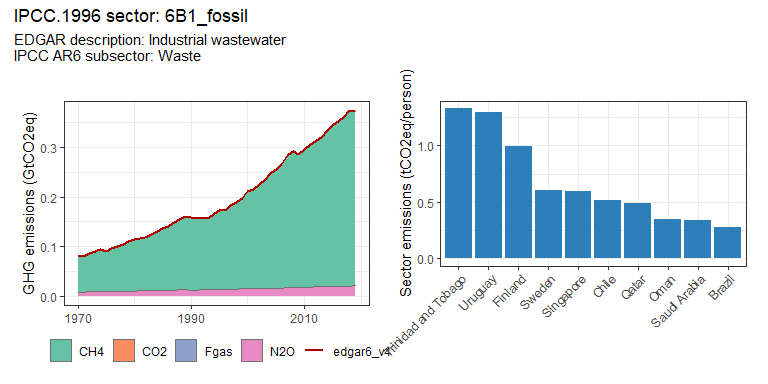
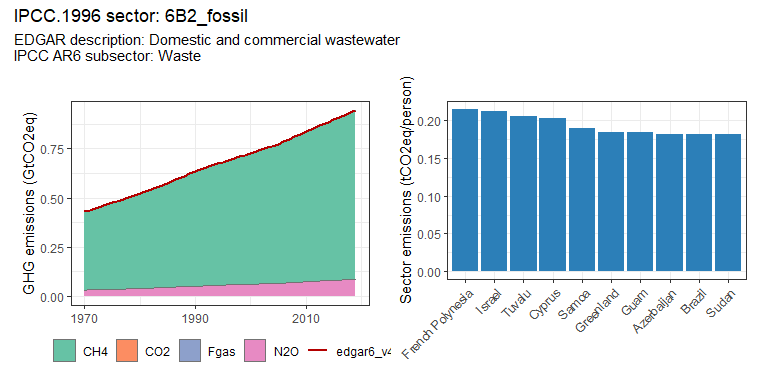
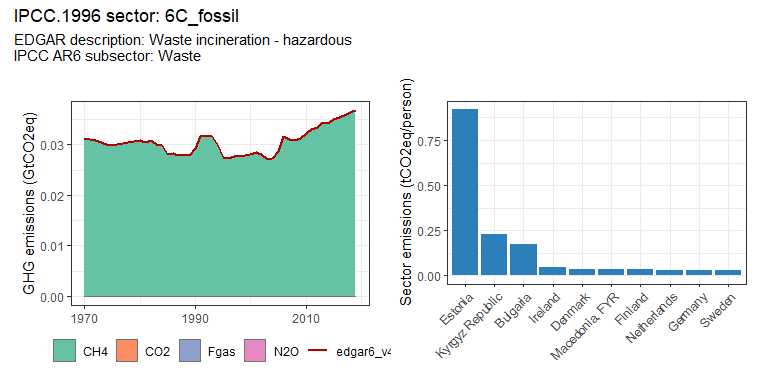
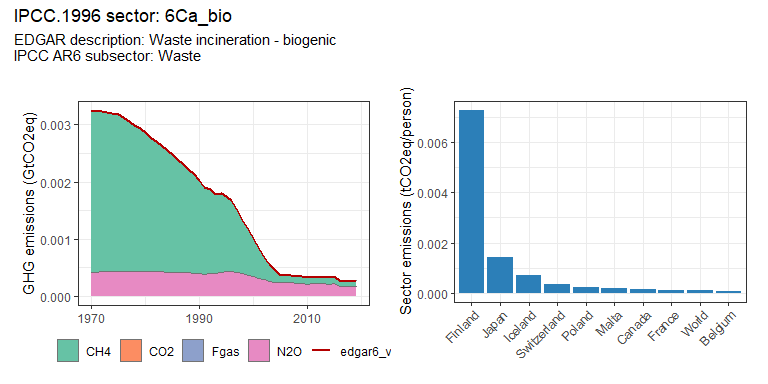
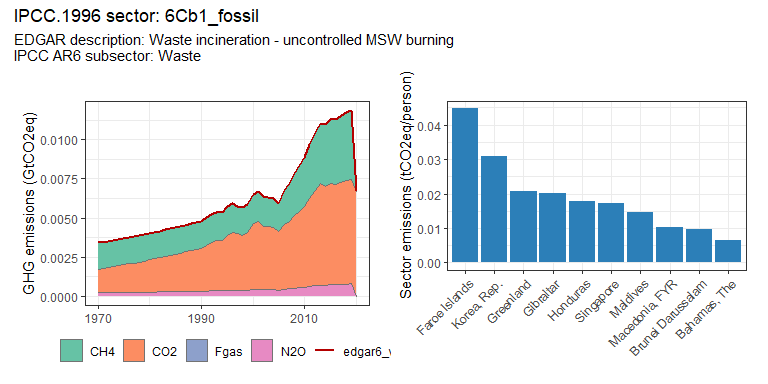
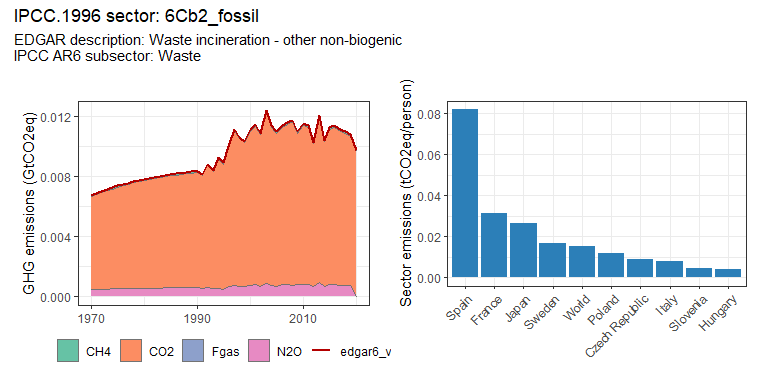
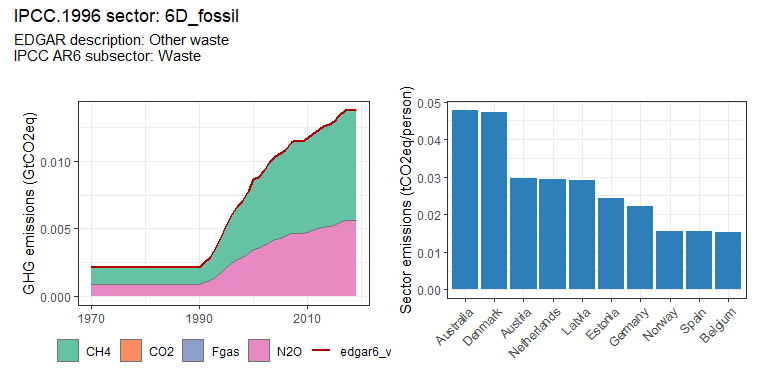
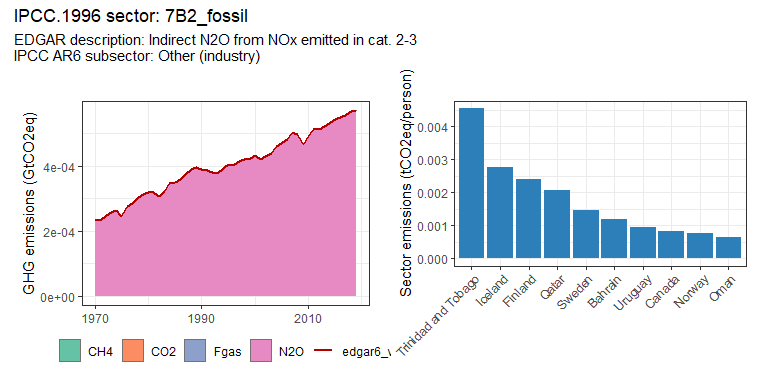
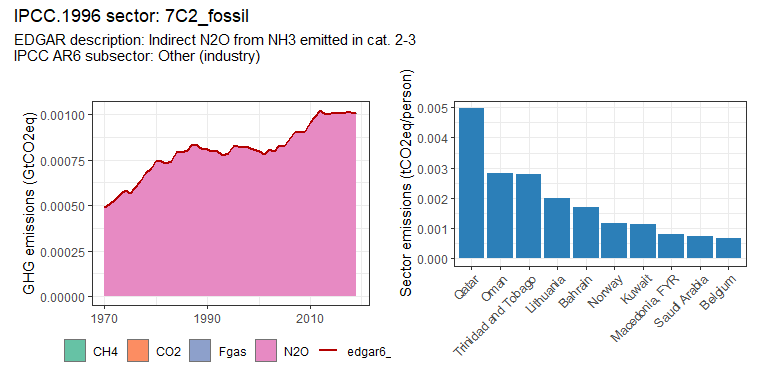
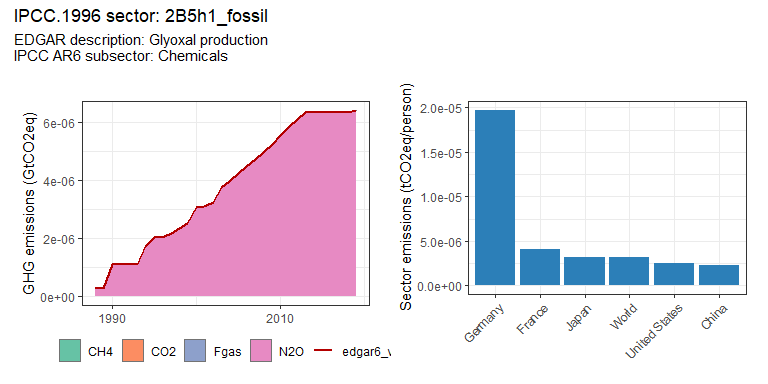
### Energy systems sectors

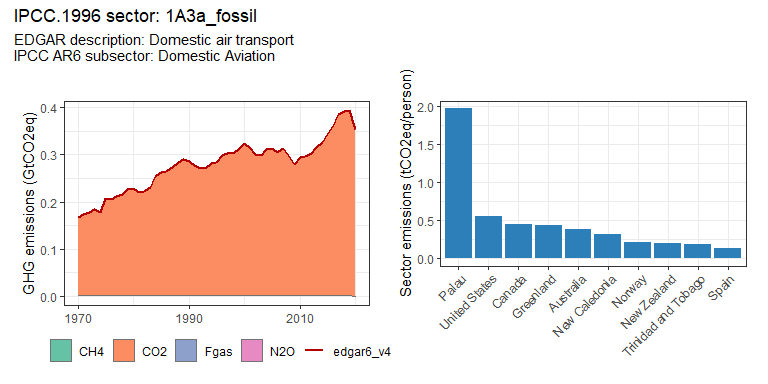
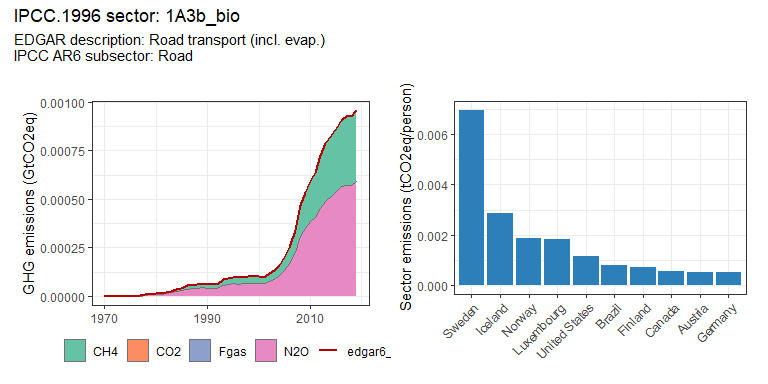
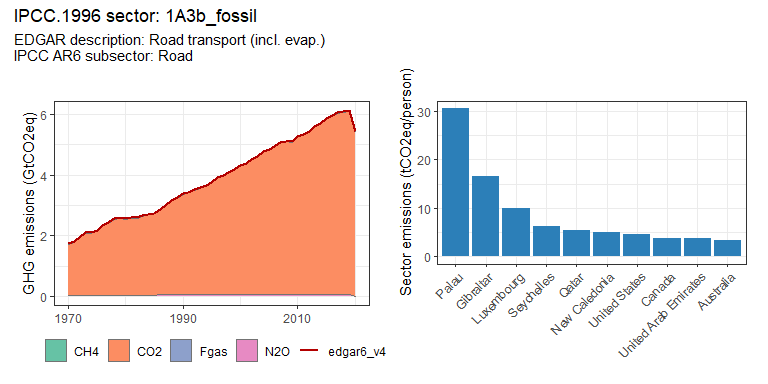
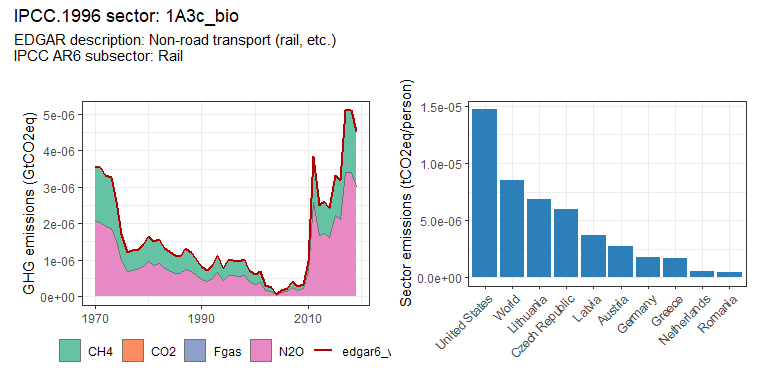
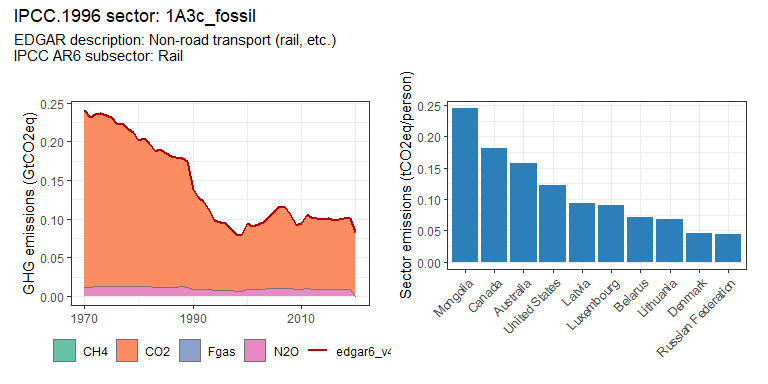
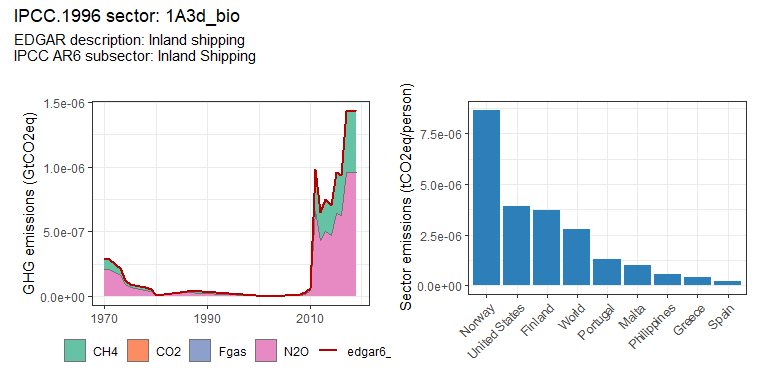
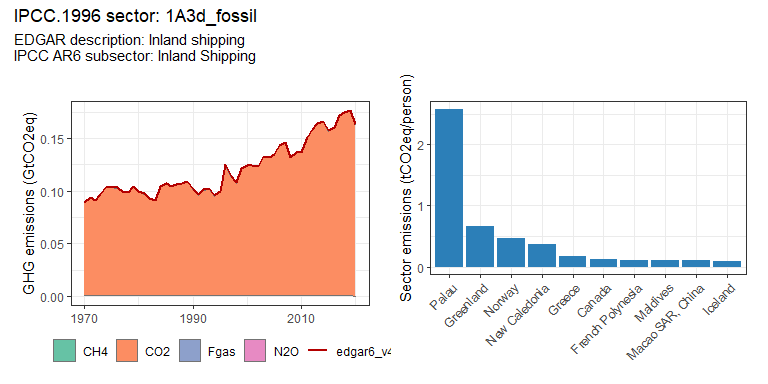
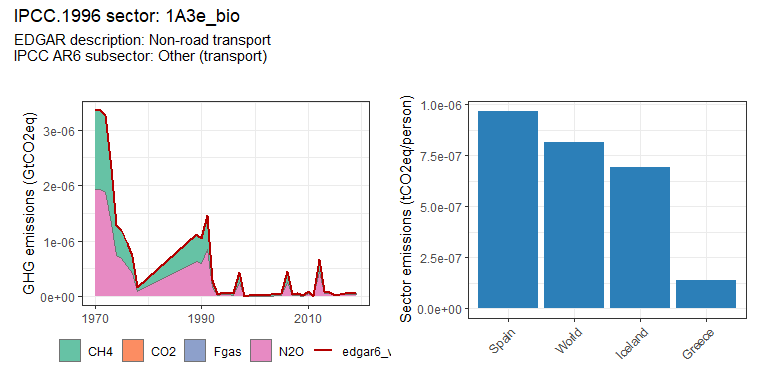
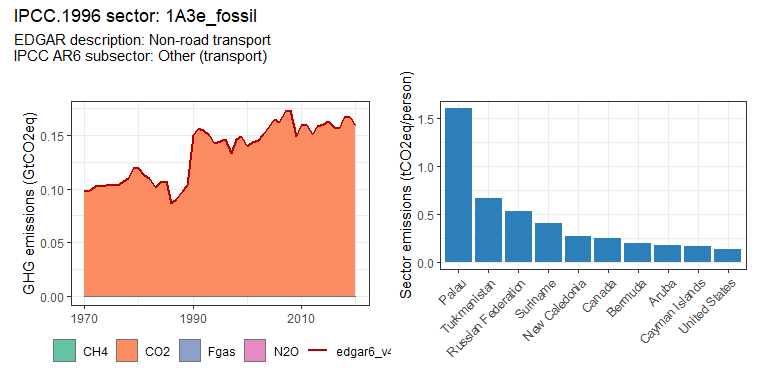
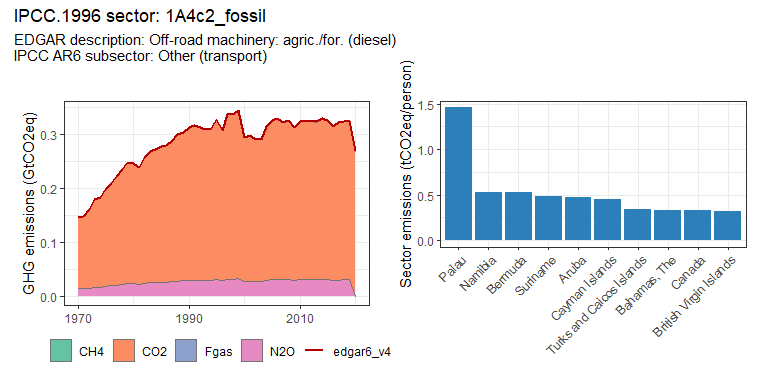
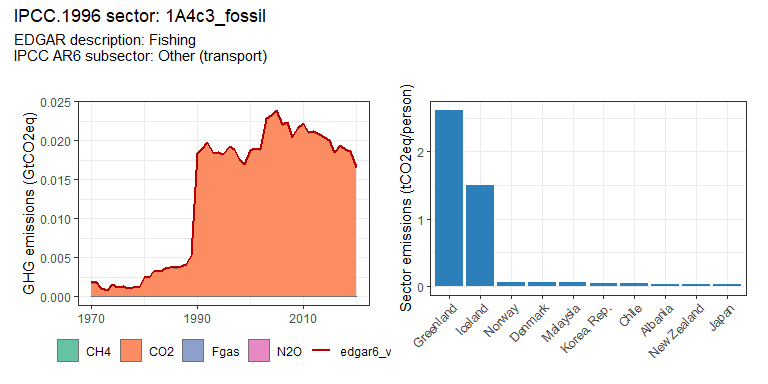
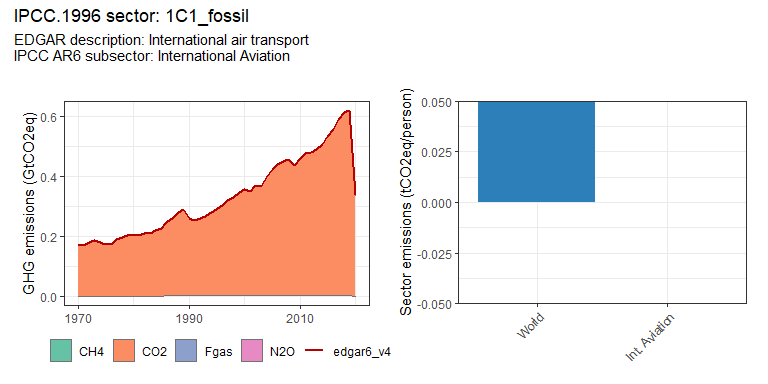
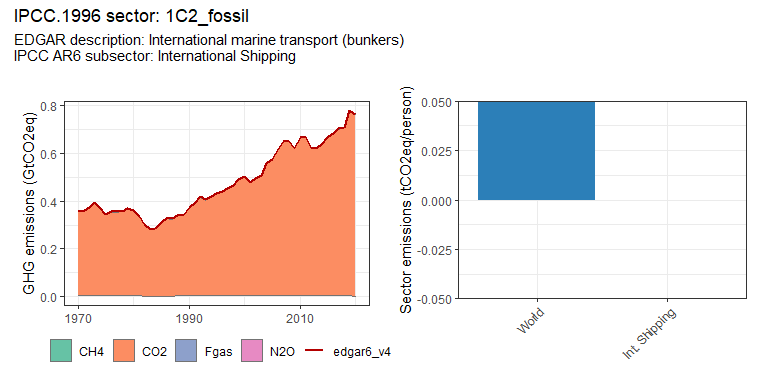
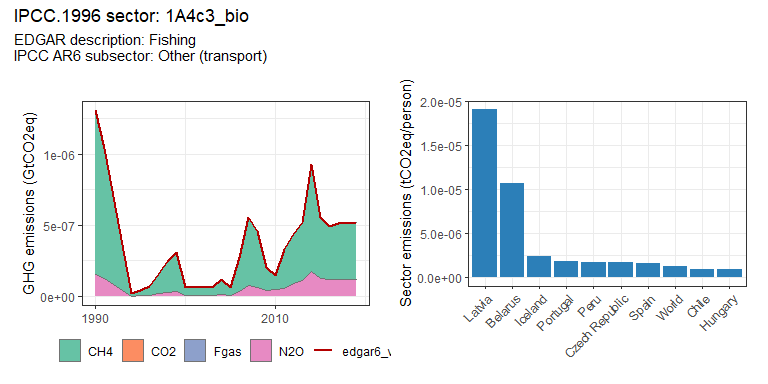
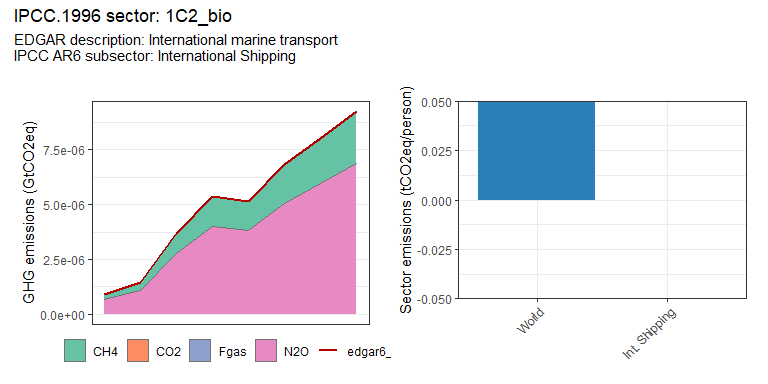
## geom\_path: Each group consists of only one observation. Do you need to adjust  
## the group aesthetic?

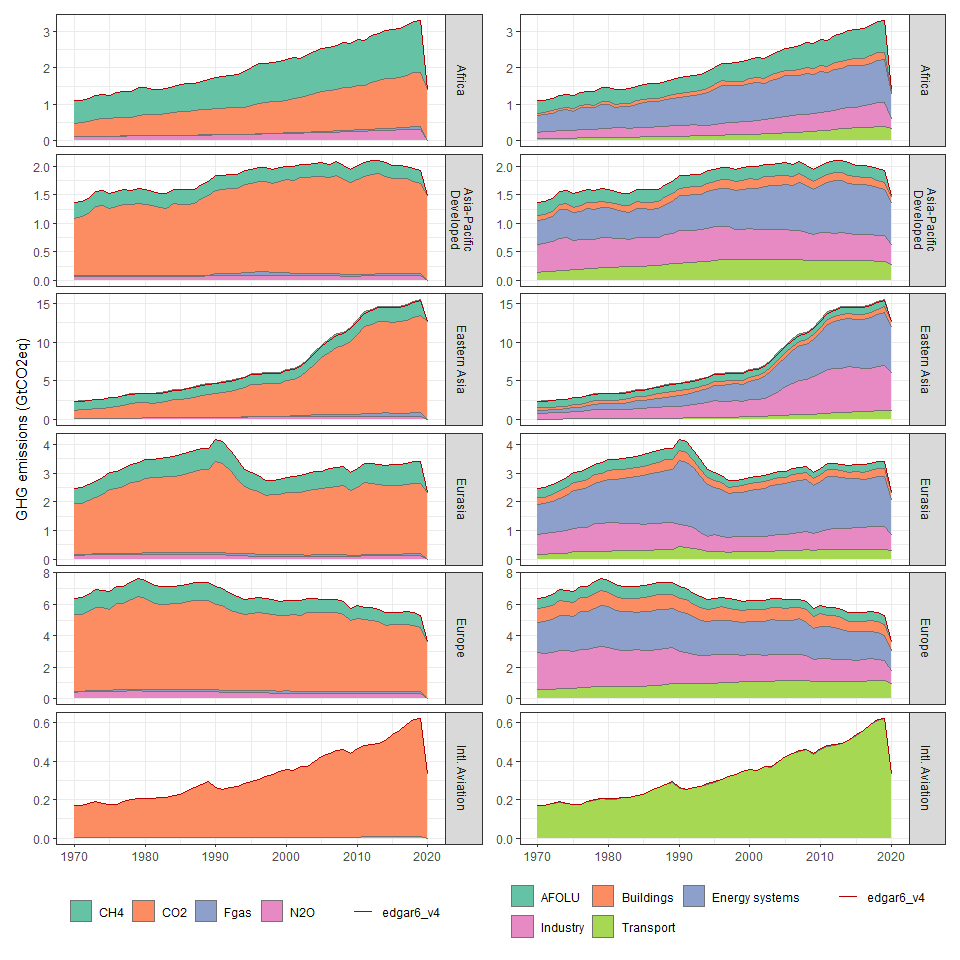
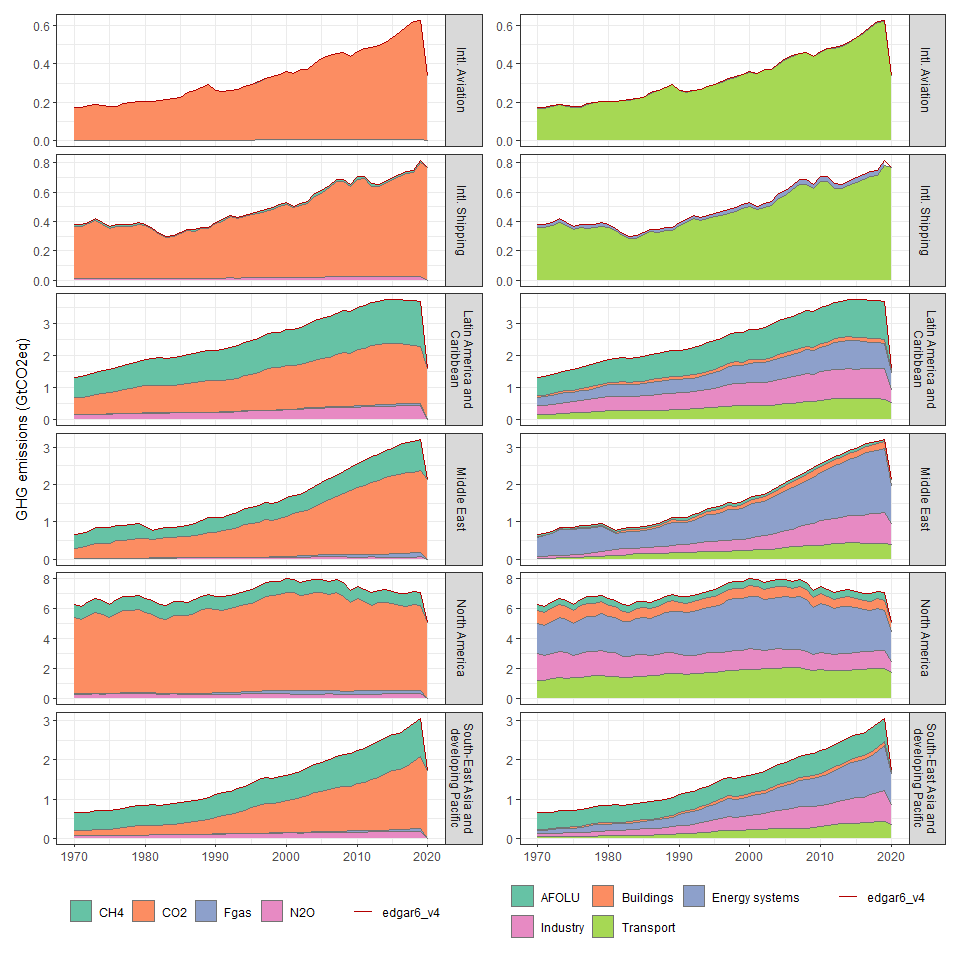
  

### Industry sectors

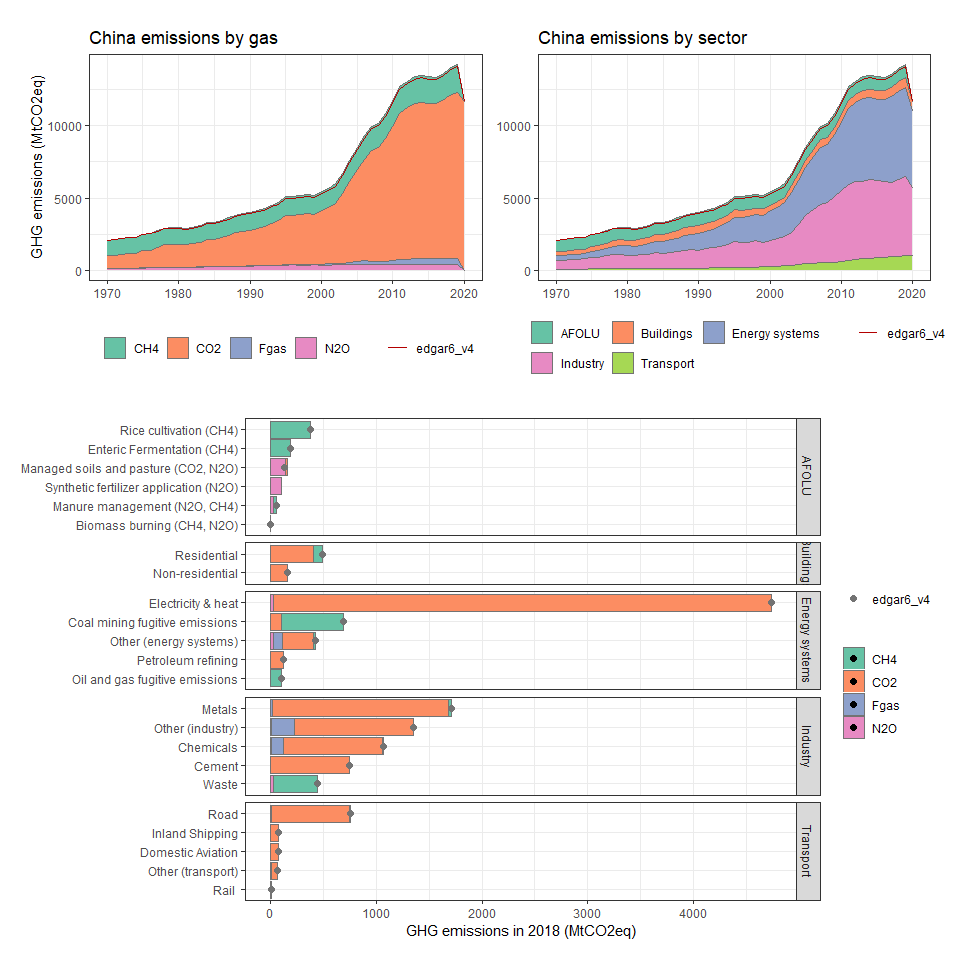
### Transport sectors

               # Region trends

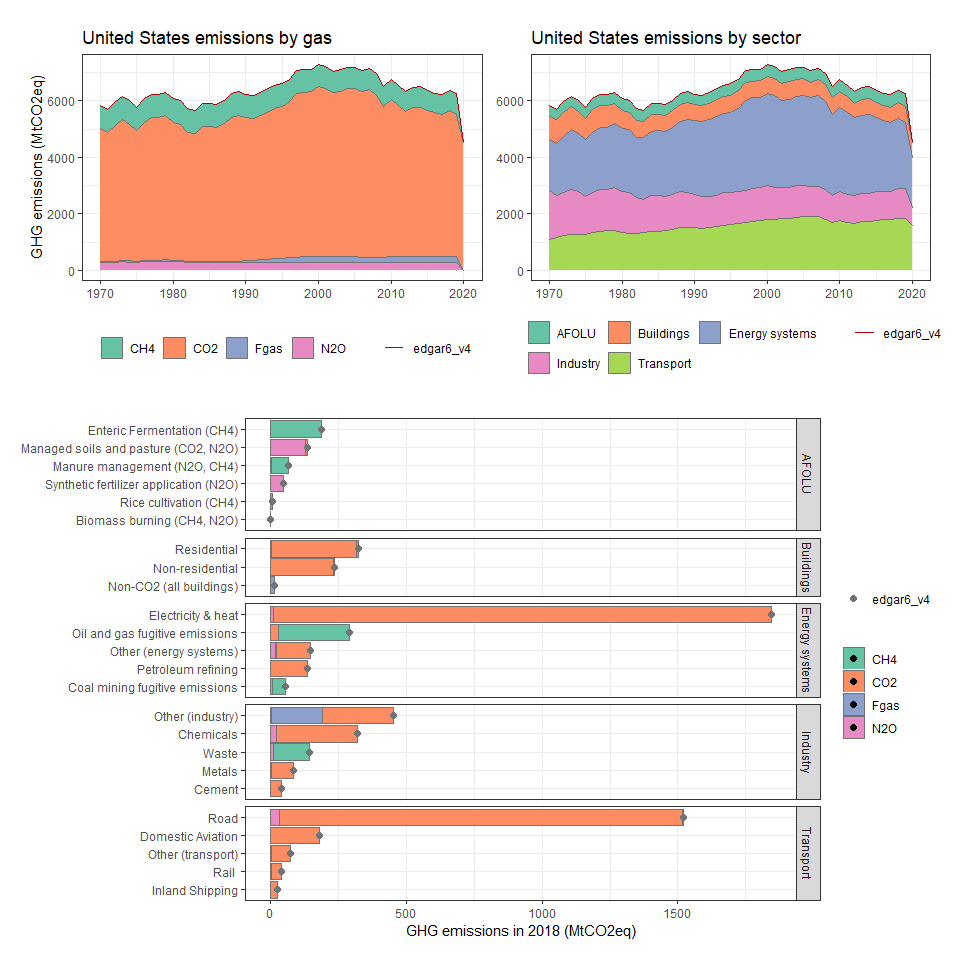
 

# Country trends

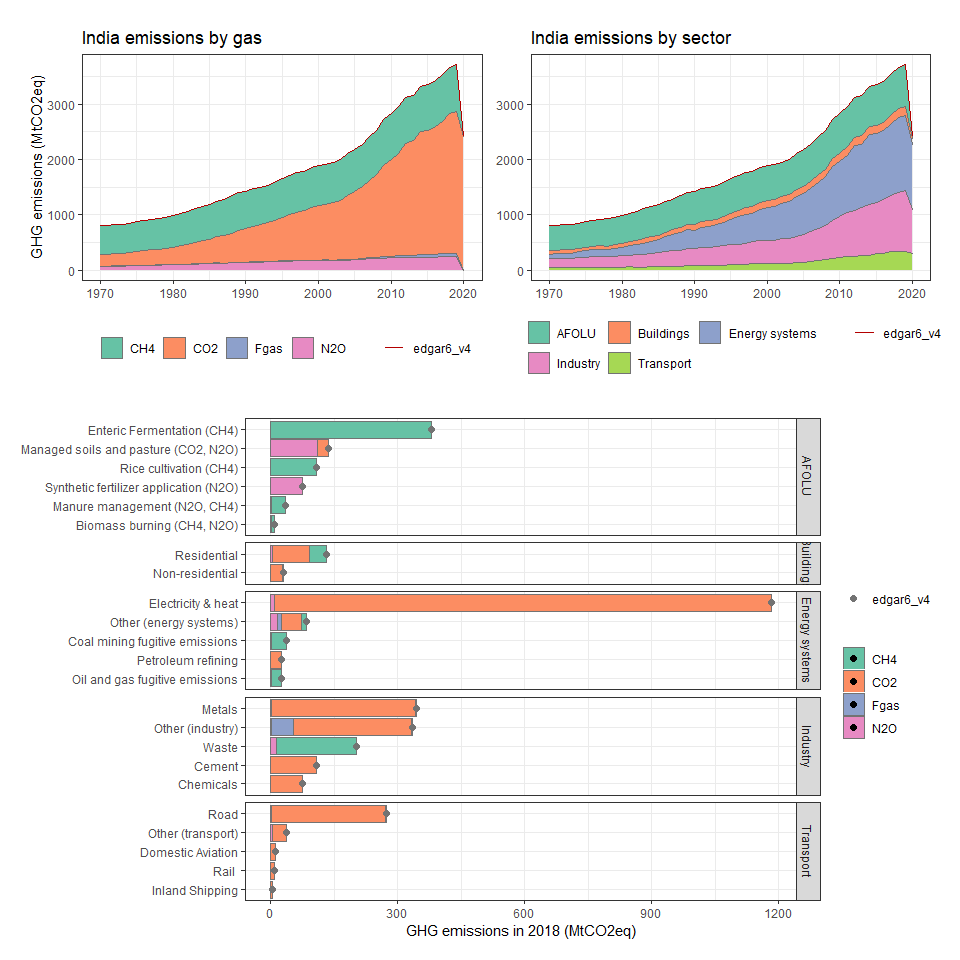
### China



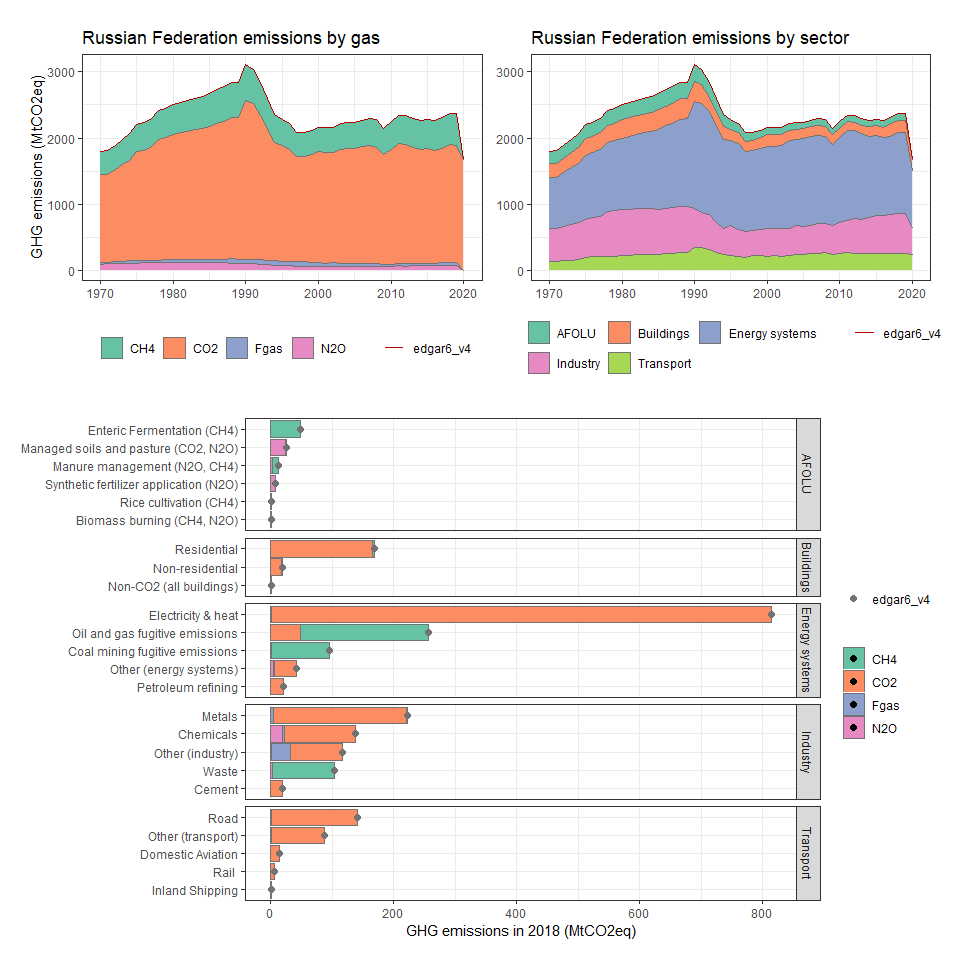
### United States



### India



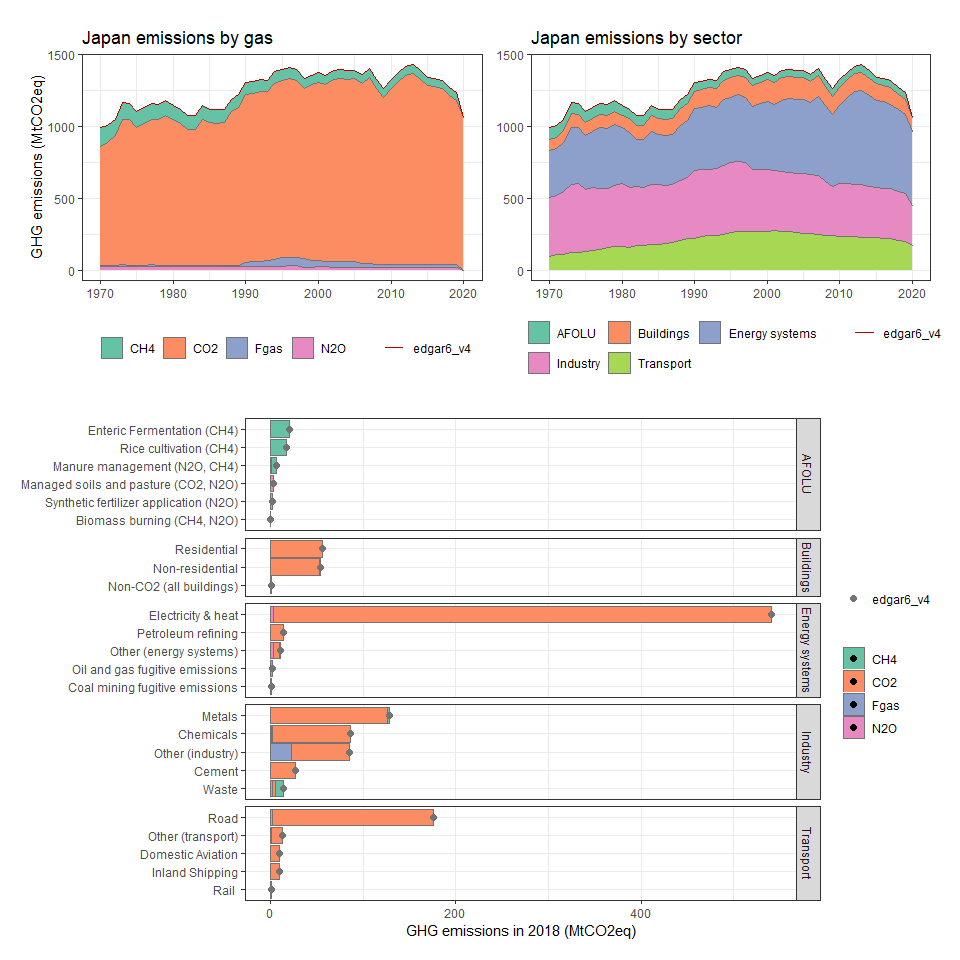
### Russian Federation



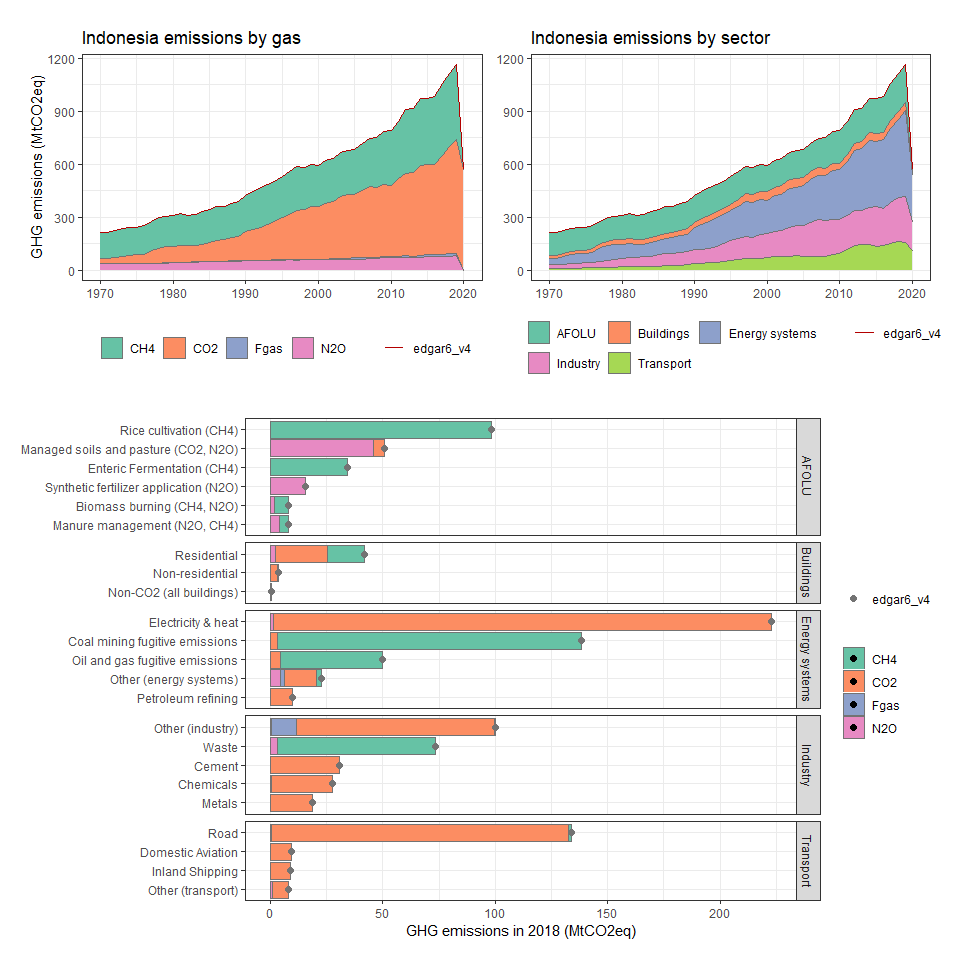
### Brazil



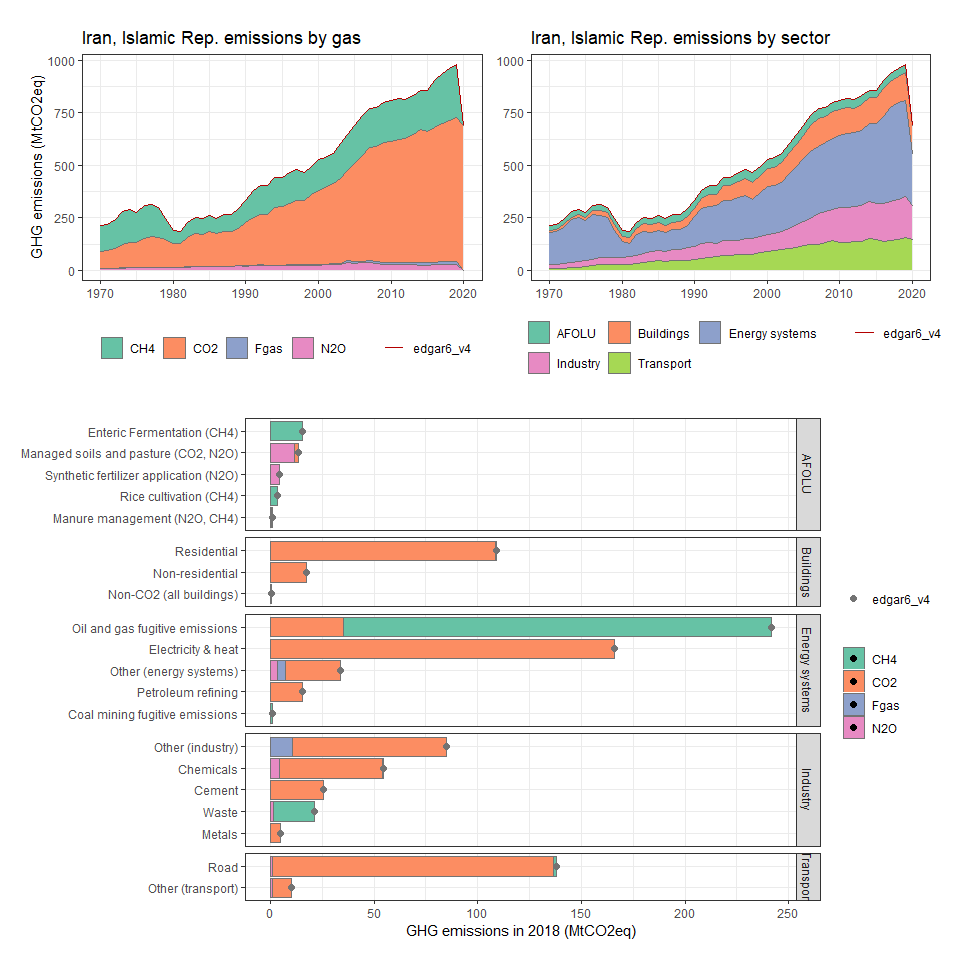
### Japan



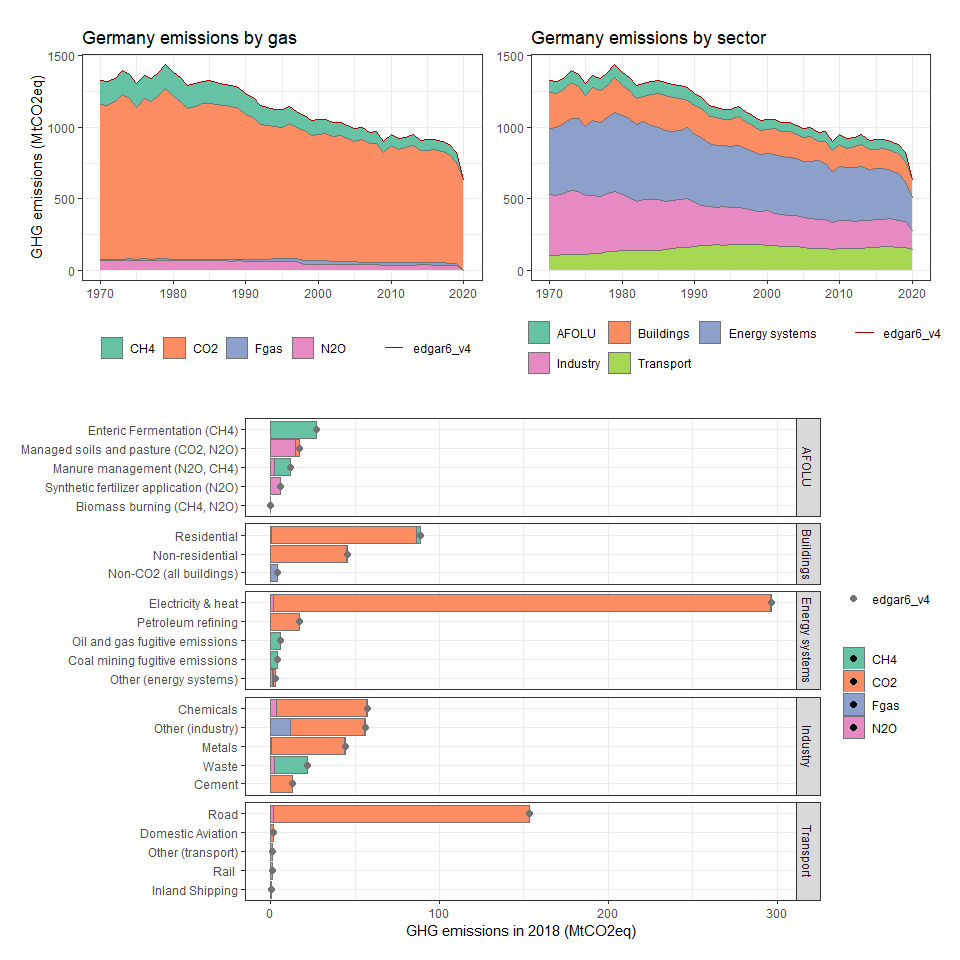
### Indonesia



### Iran, Islamic Rep.



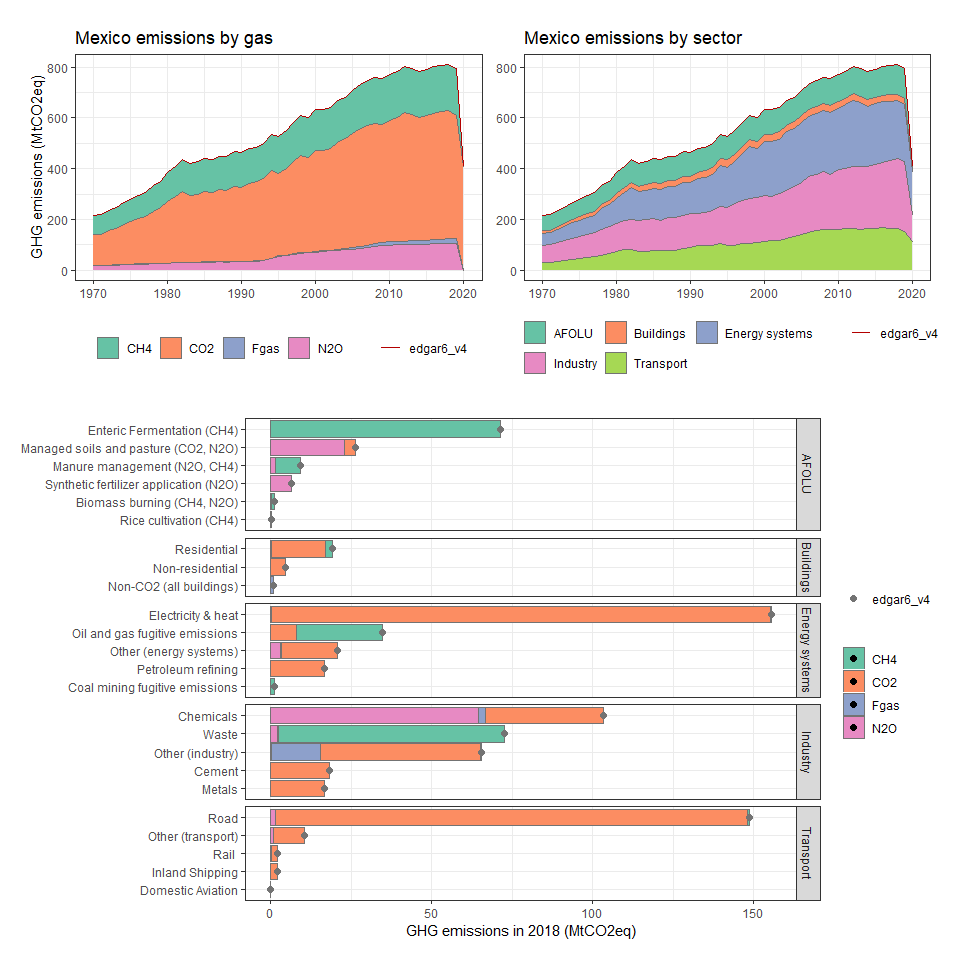
### Germany



### Int. Shipping



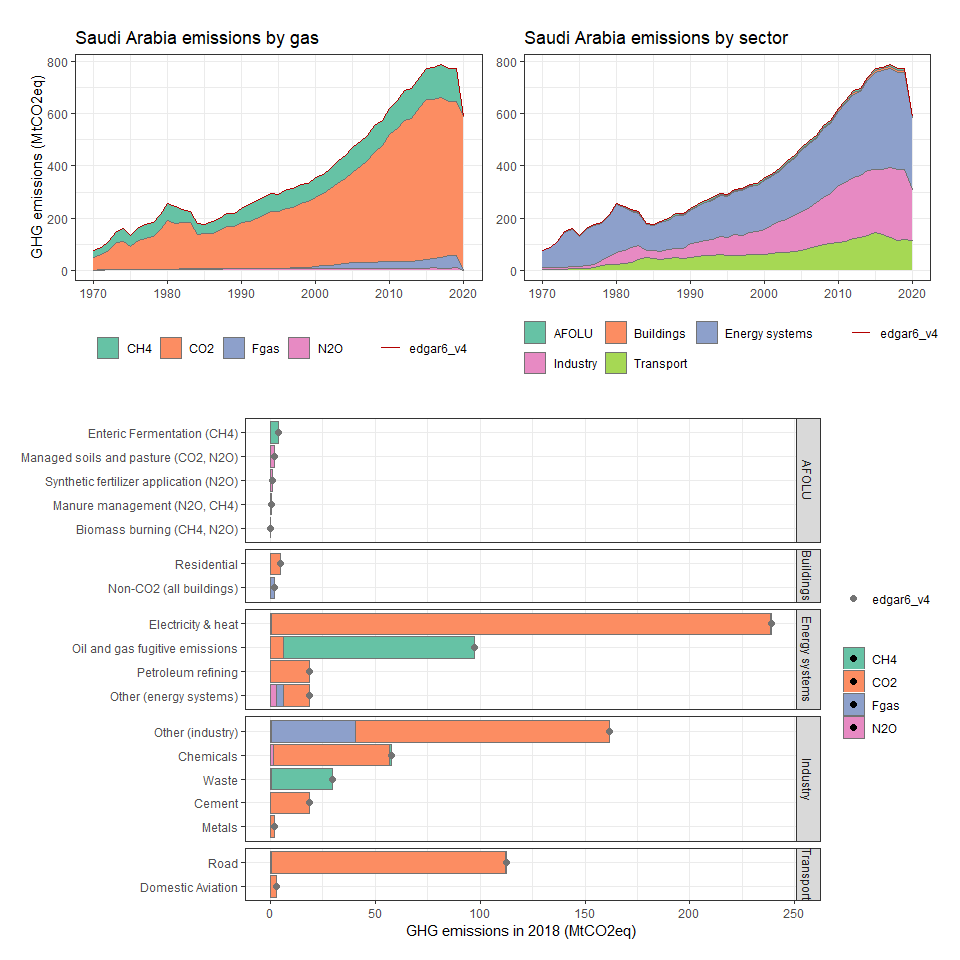
### Mexico



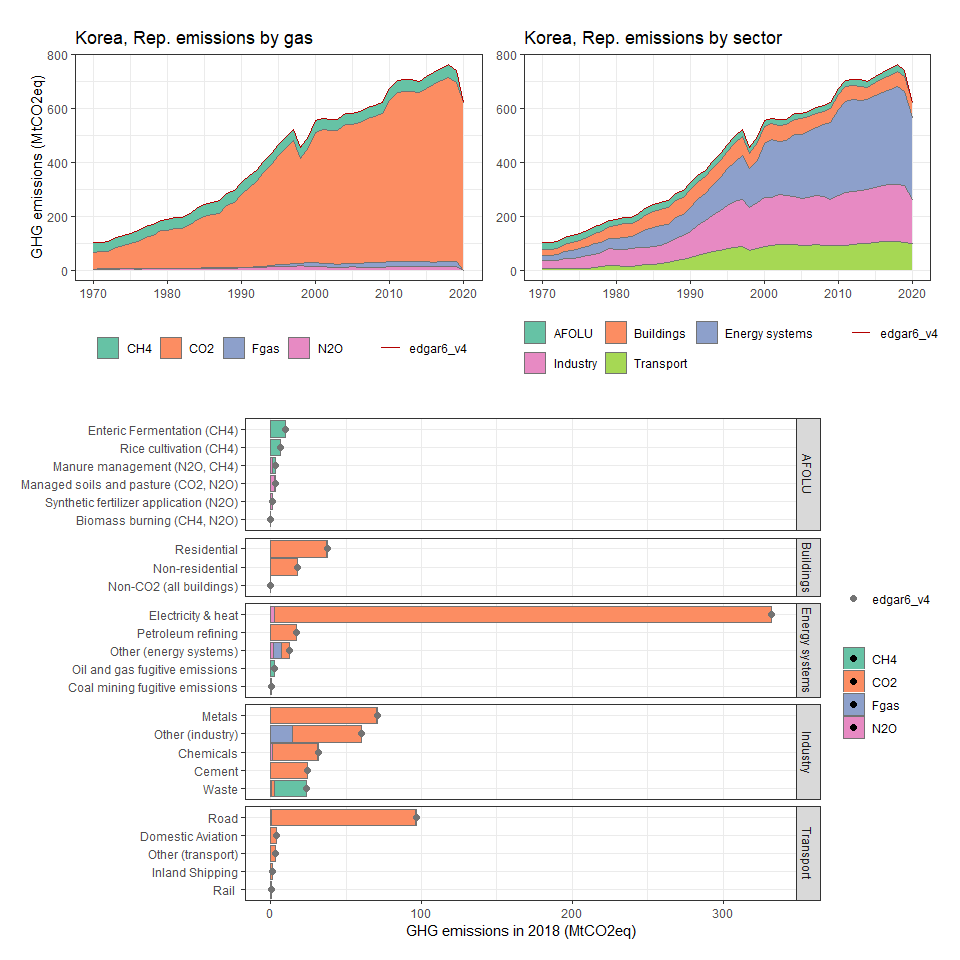
### Canada



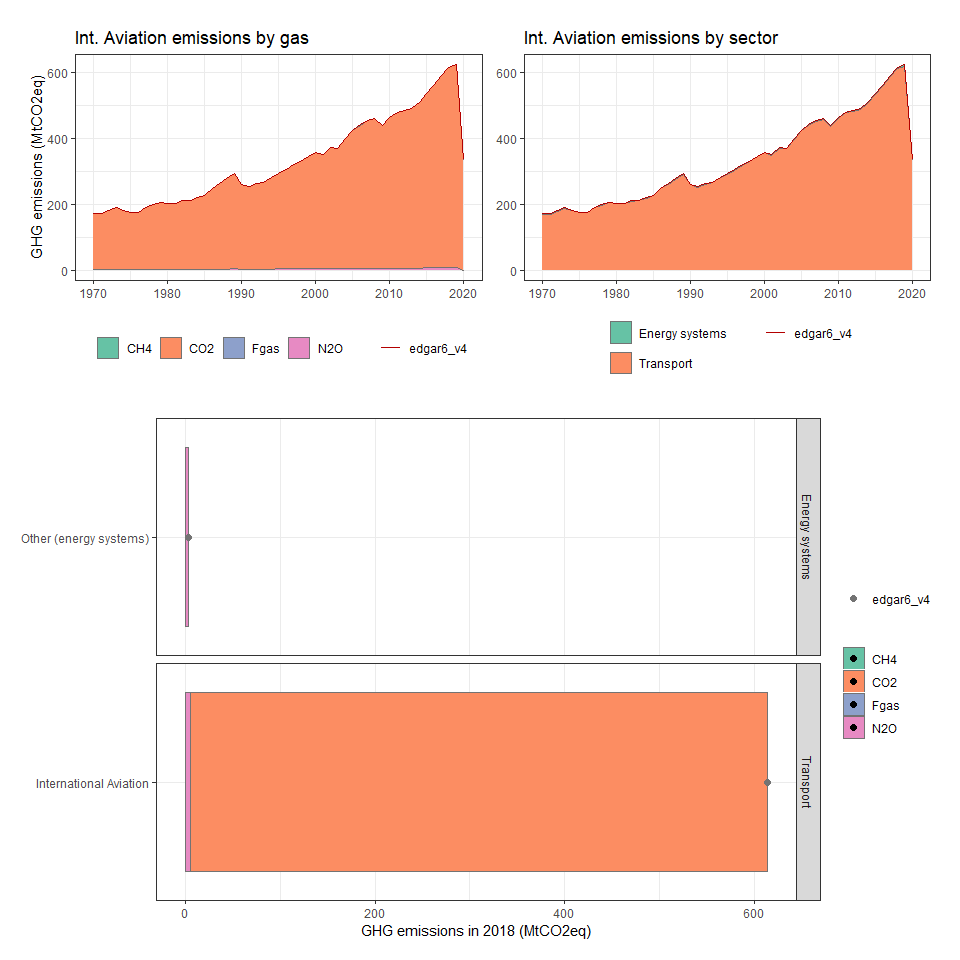
### Saudi Arabia



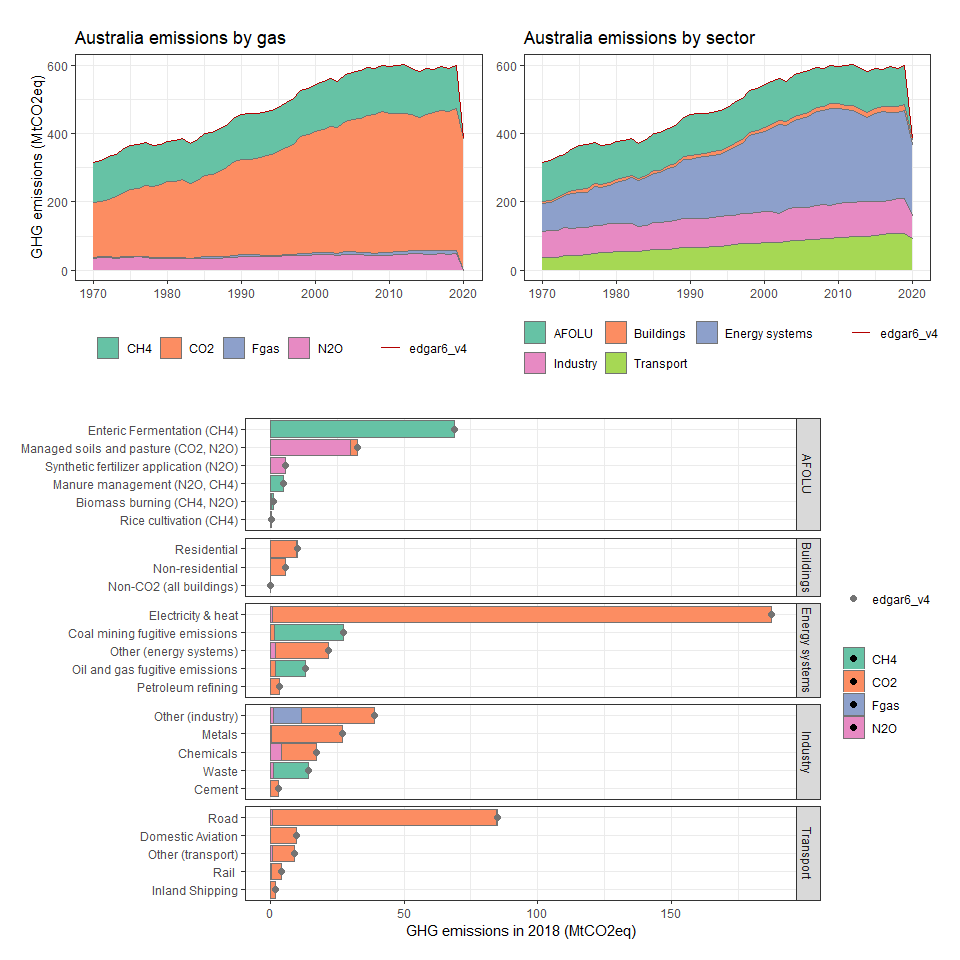
### Korea, Rep.



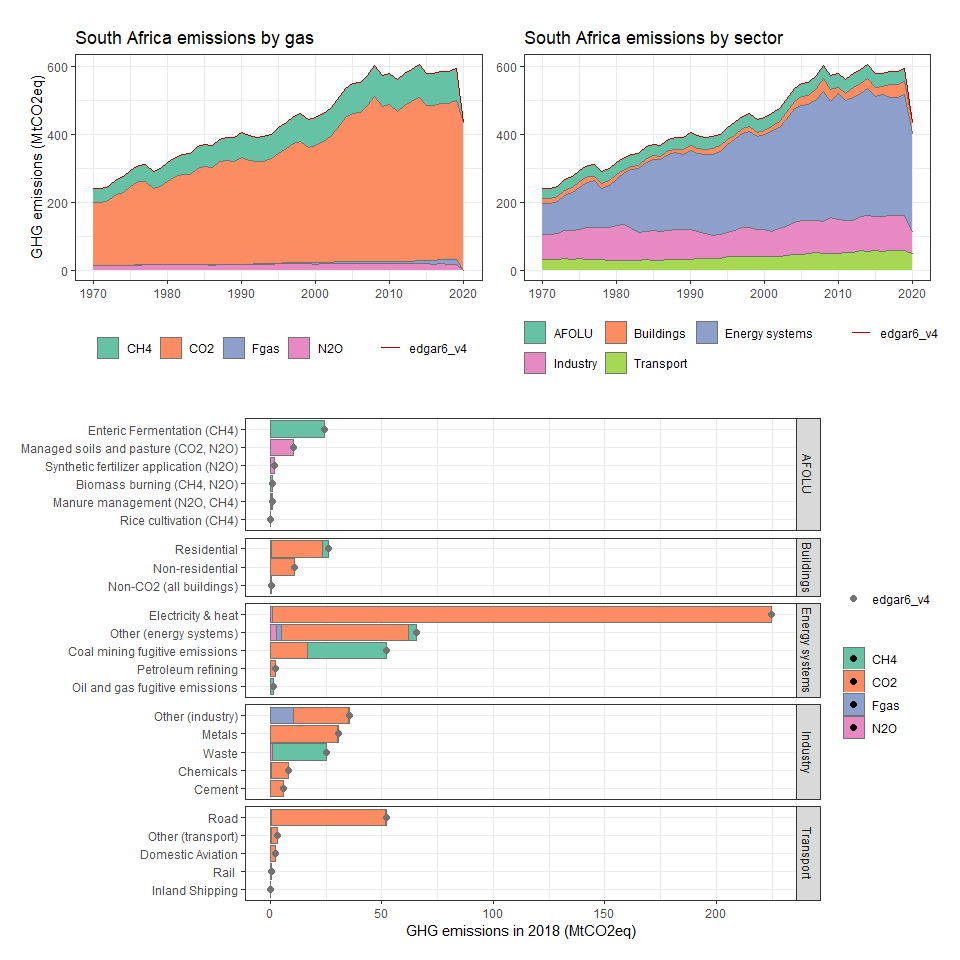
### Int. Aviation



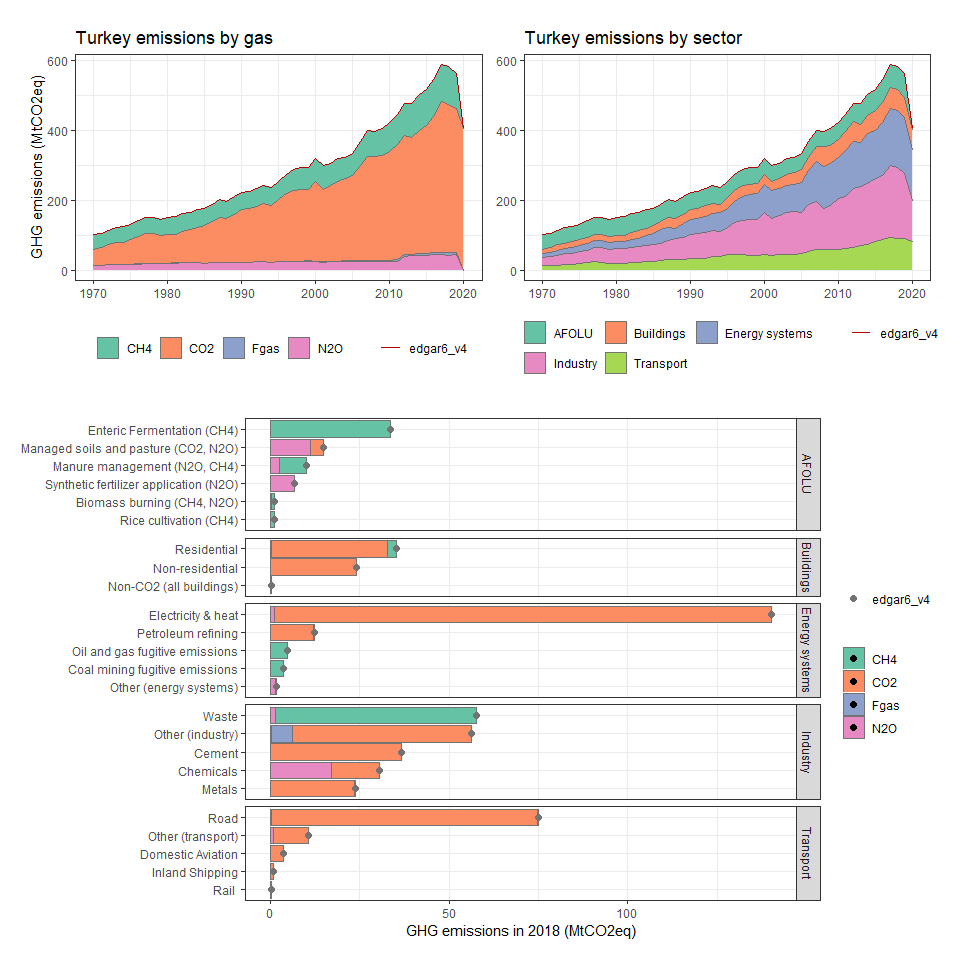
### Australia



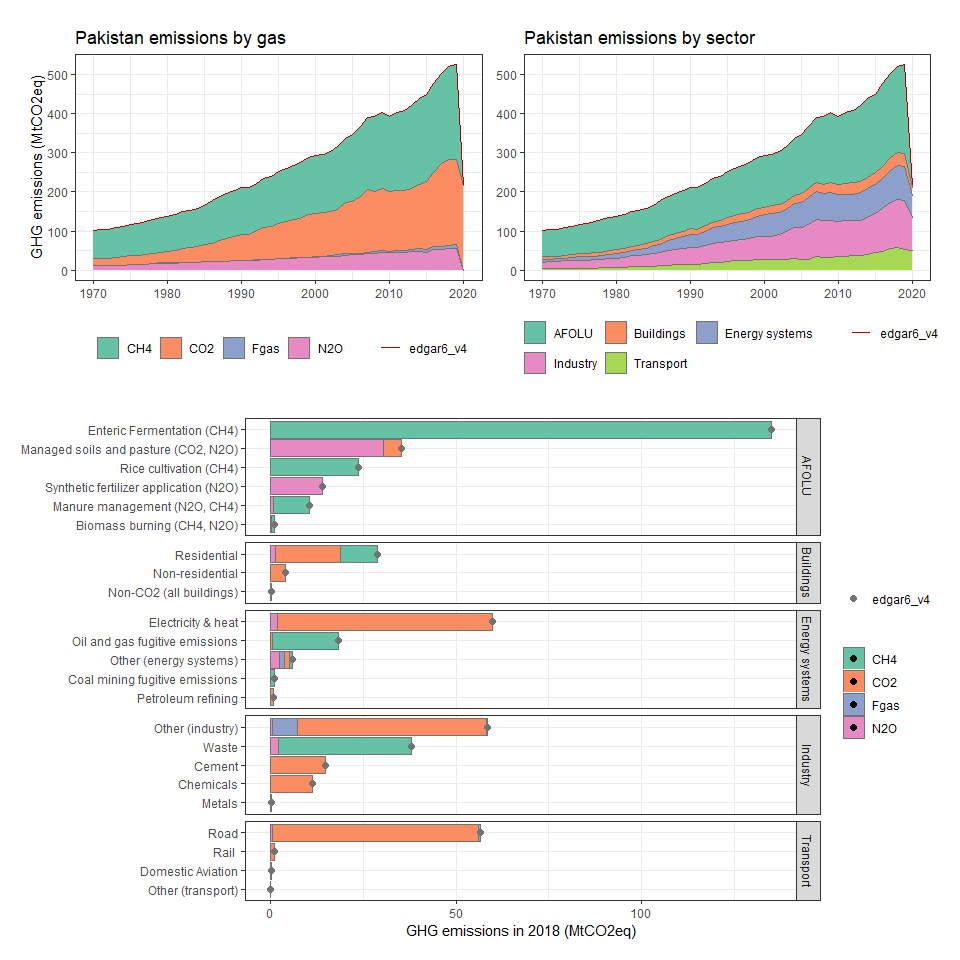
### South Africa



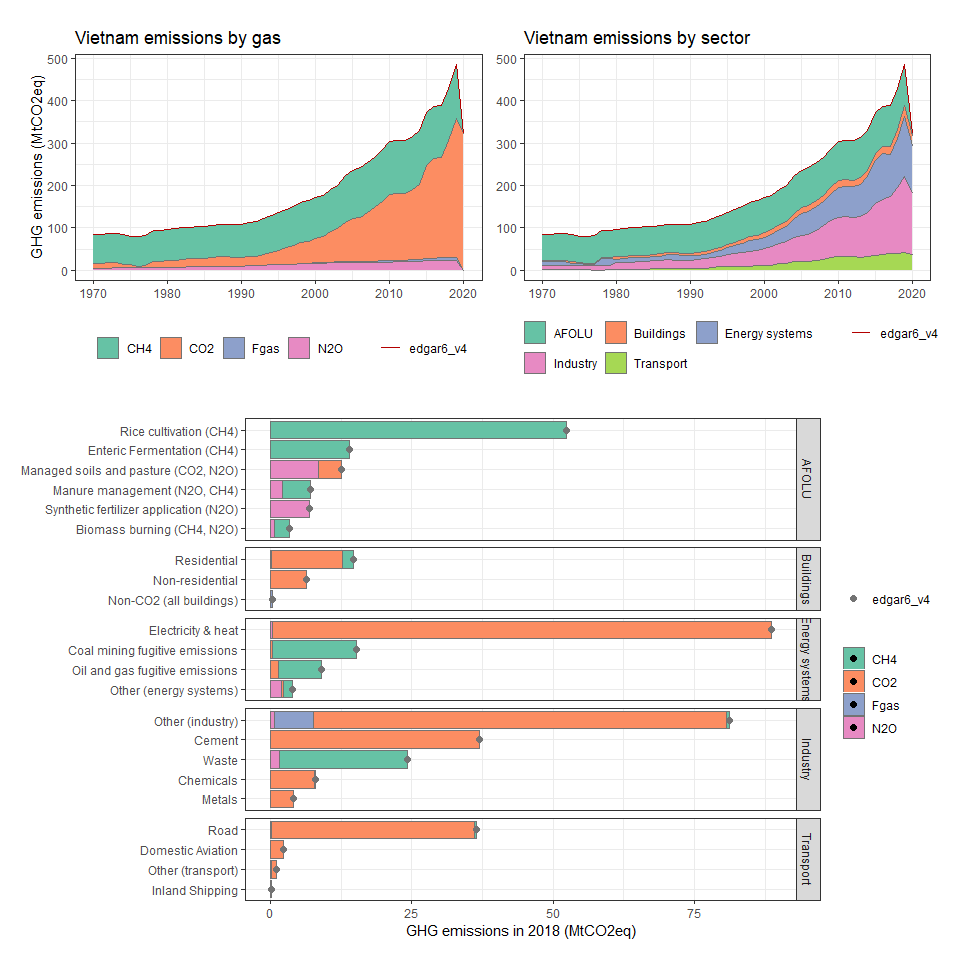
### Turkey



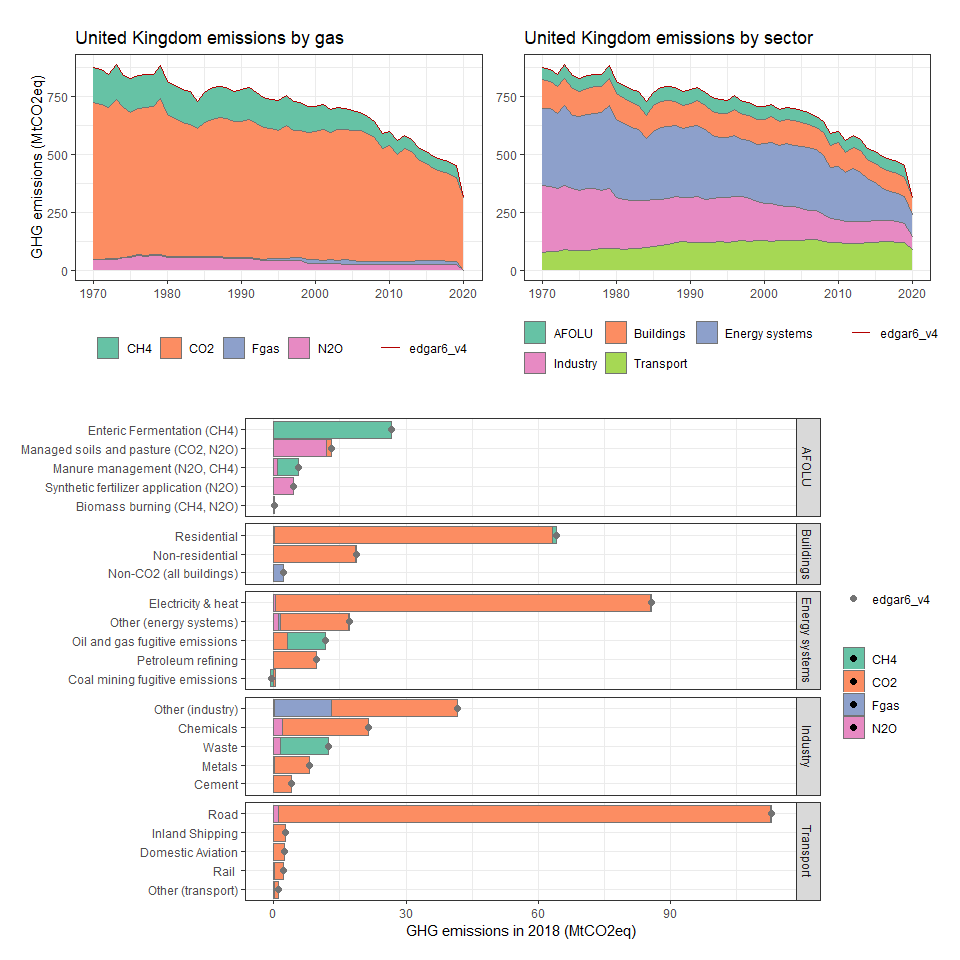
### Pakistan



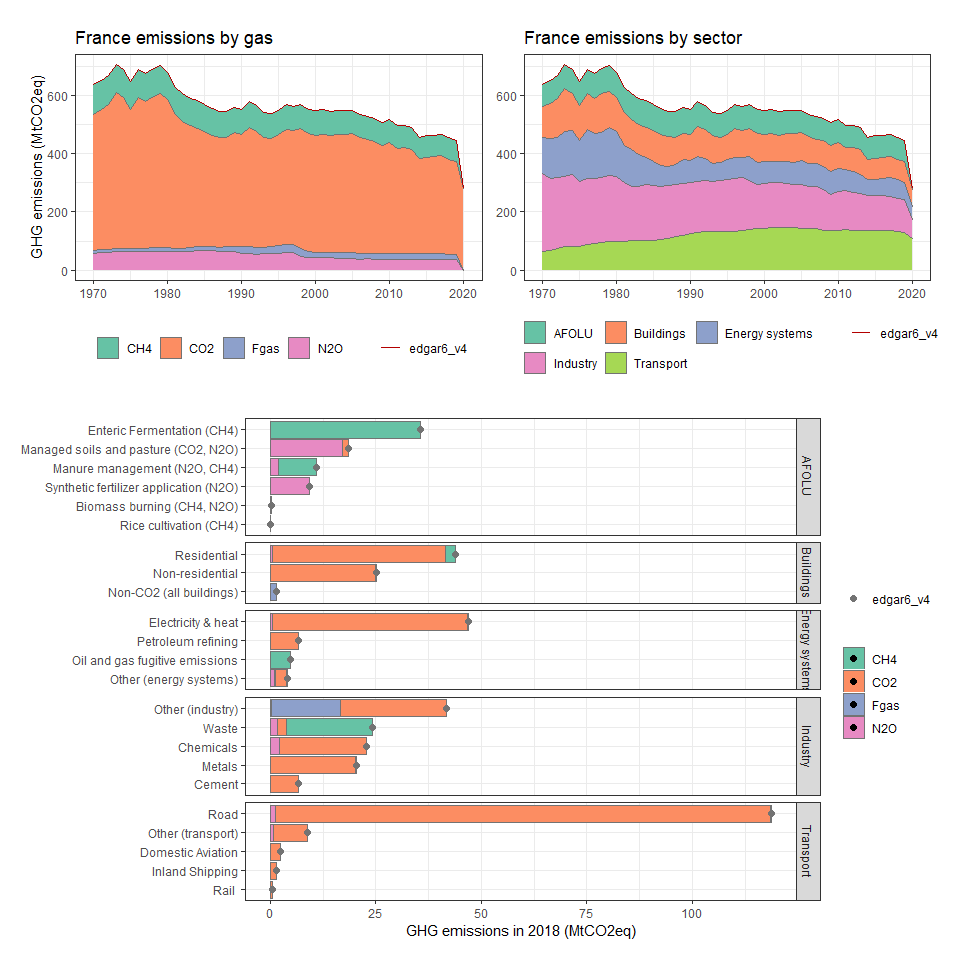
### Vietnam



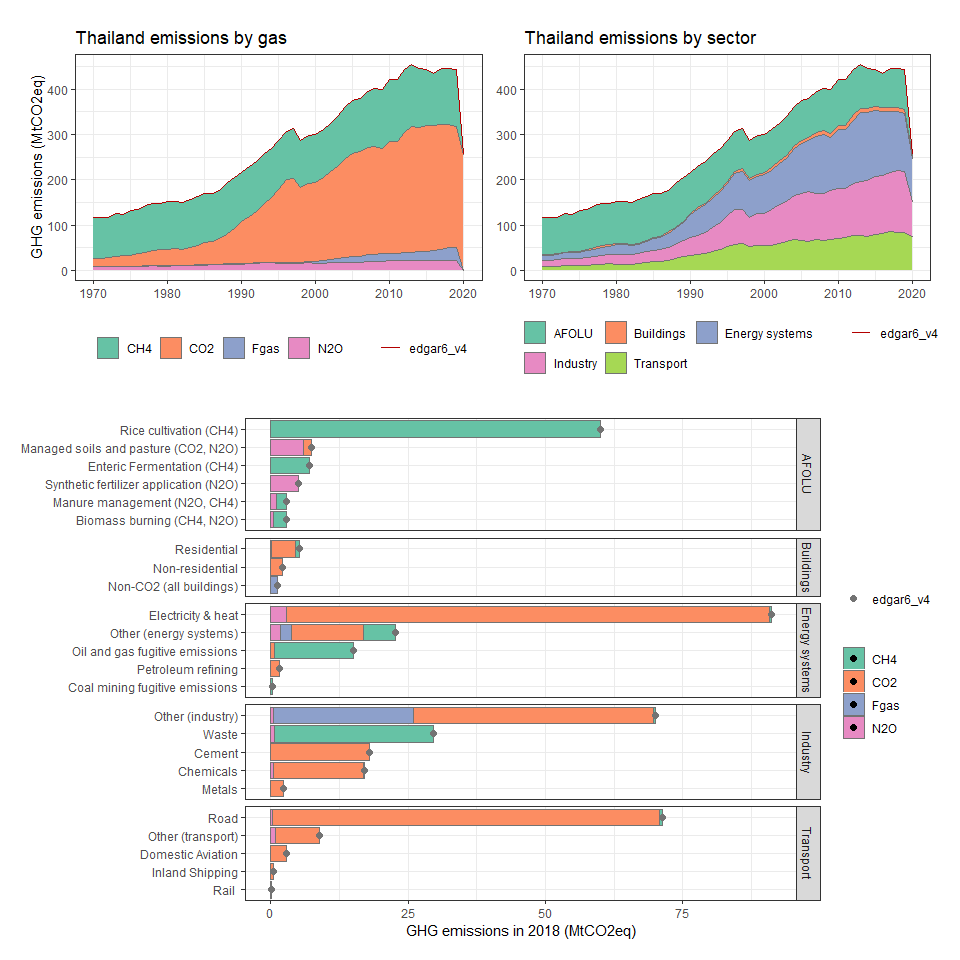
### United Kingdom



### France



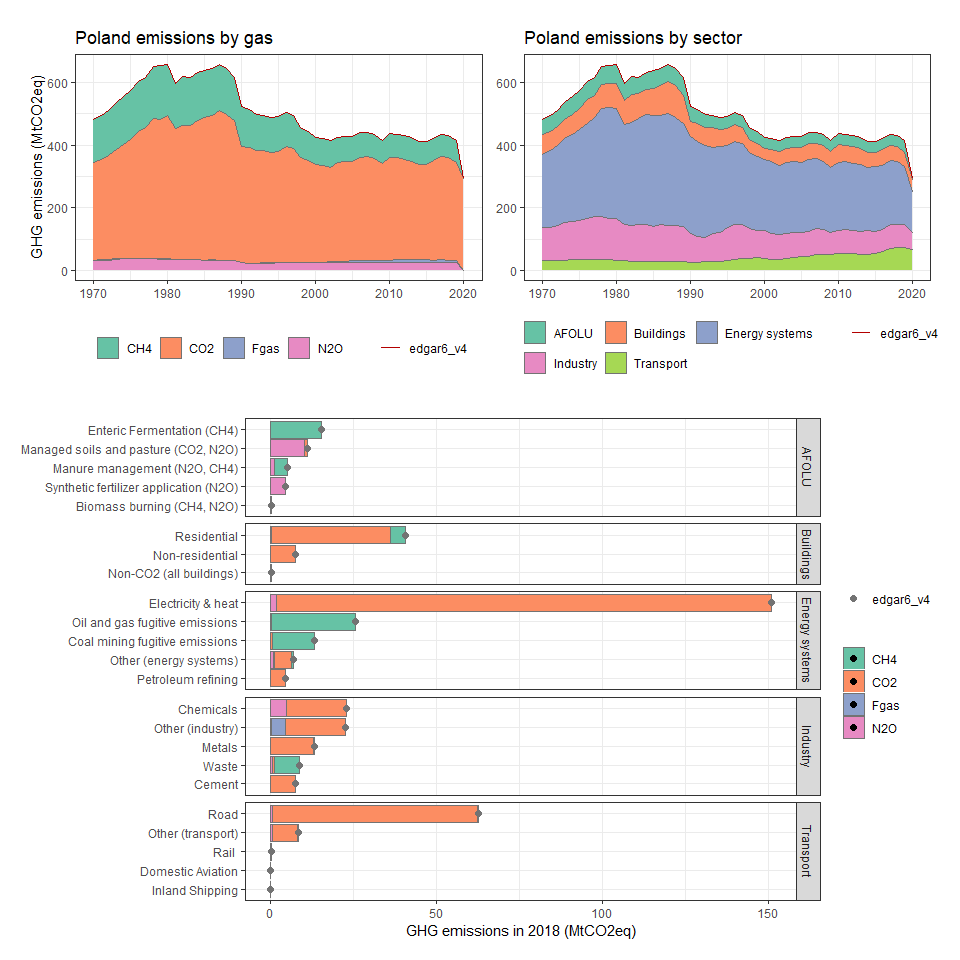
### Thailand



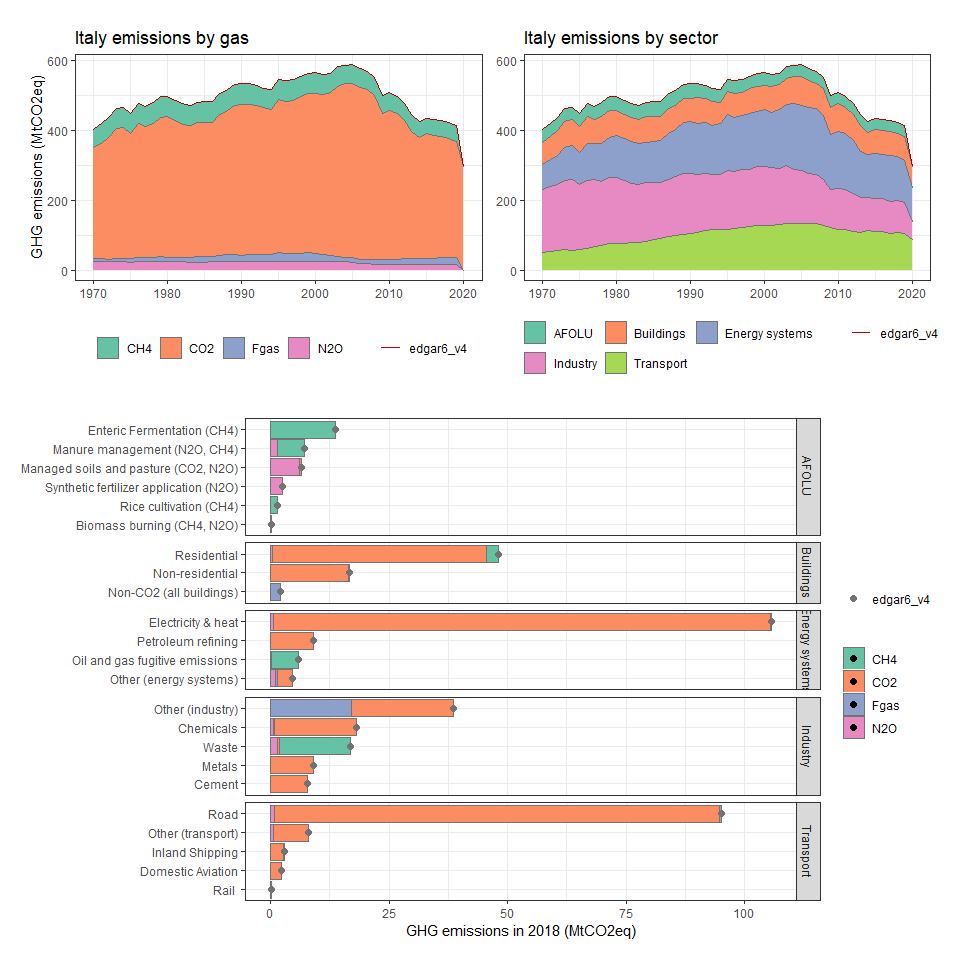
### Nigeria



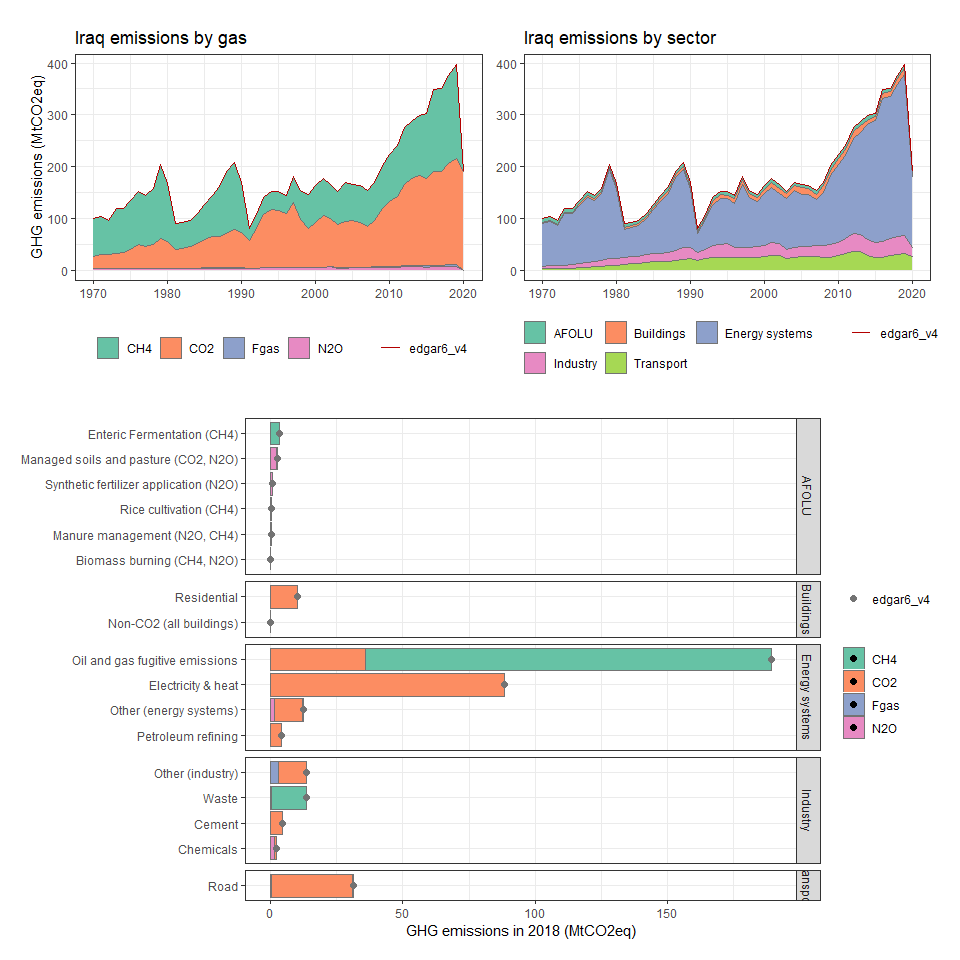
### Poland



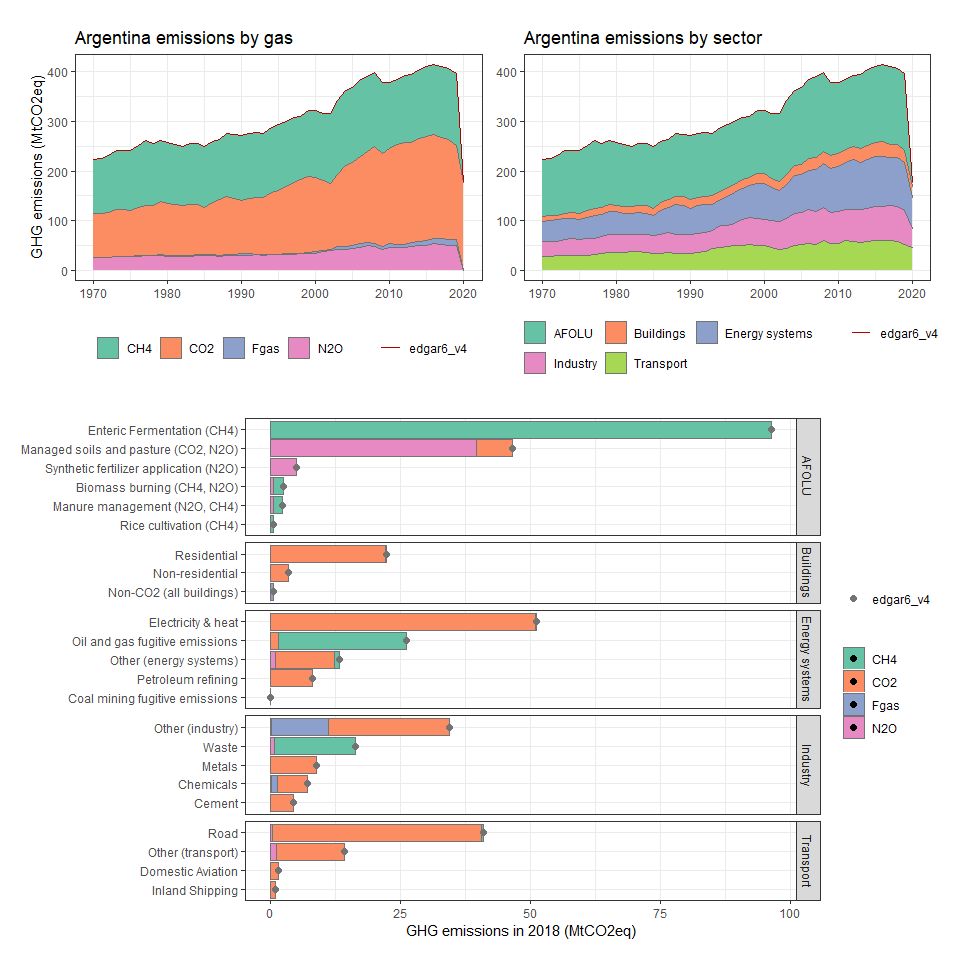
### Italy



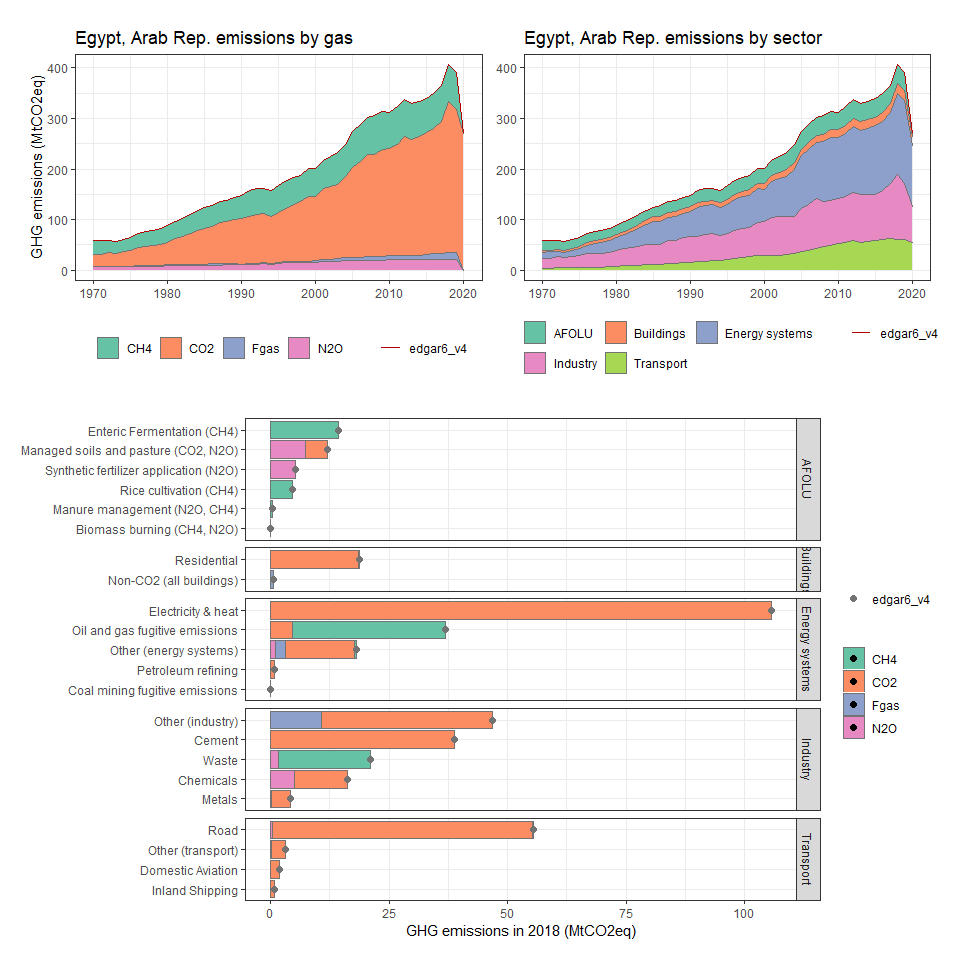
### Iraq



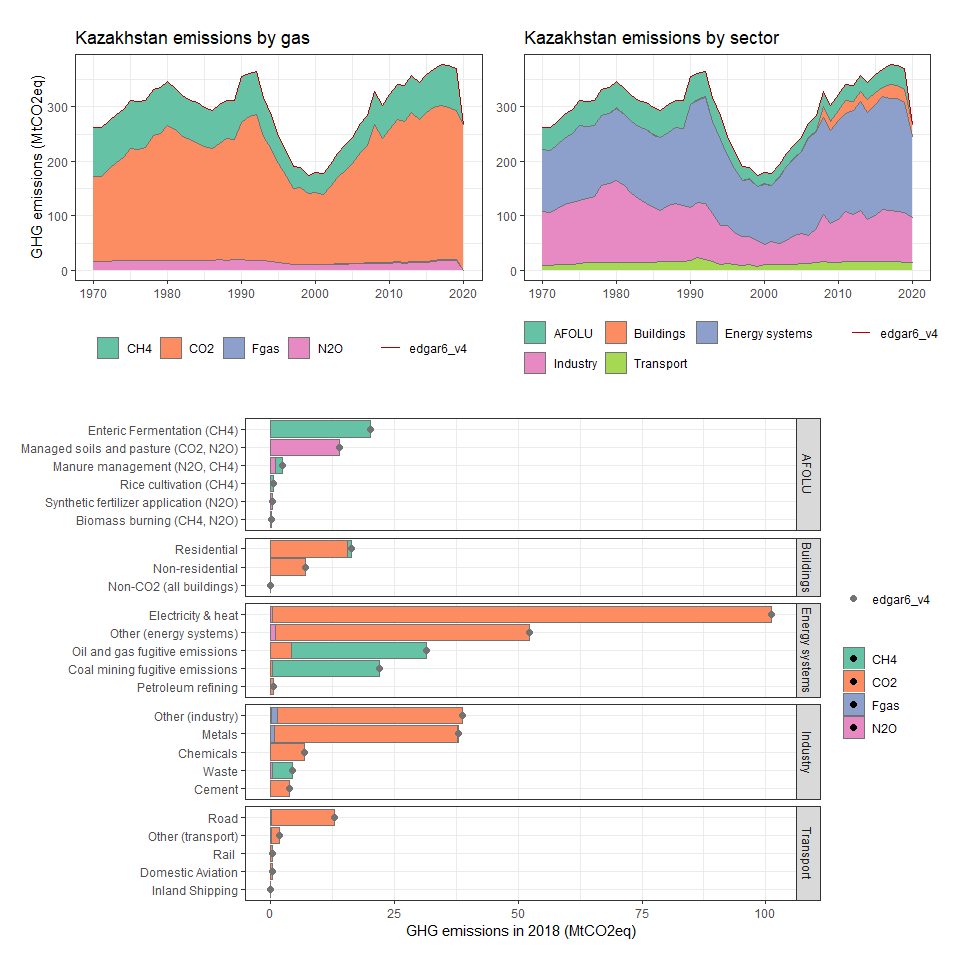
### Argentina



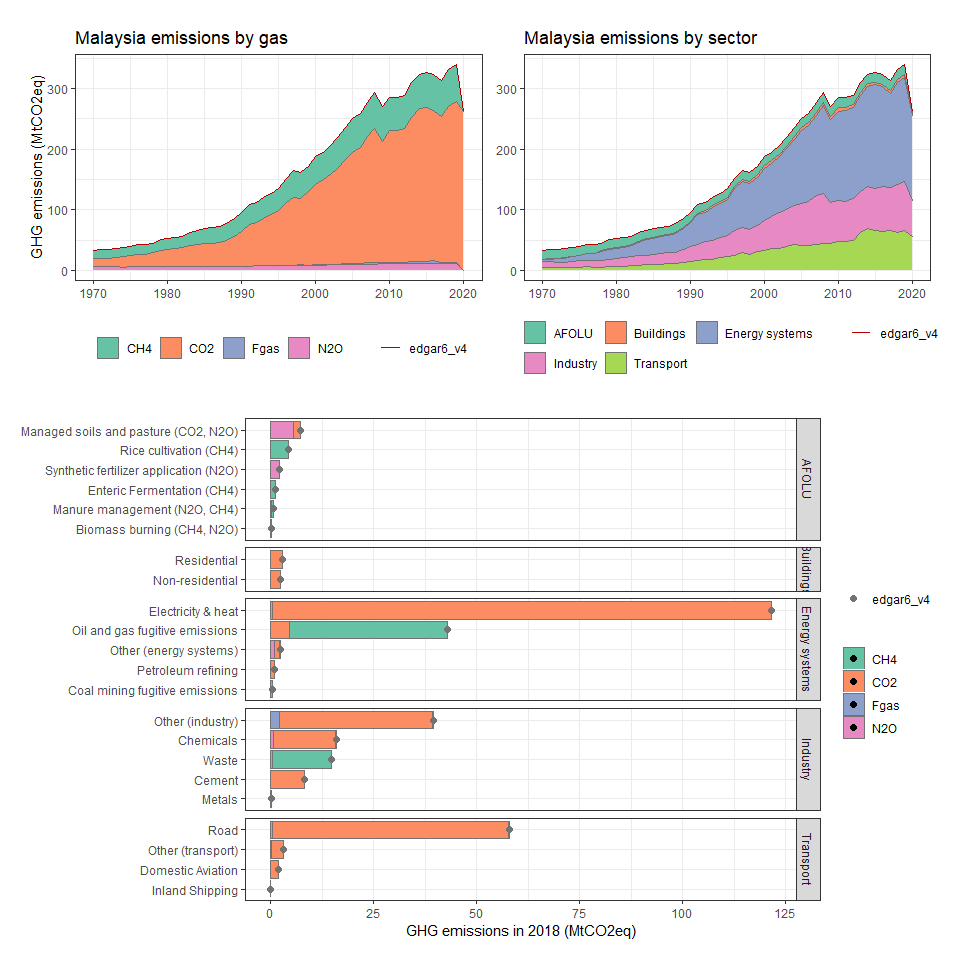
### Egypt, Arab Rep.



### Kazakhstan



### Malaysia



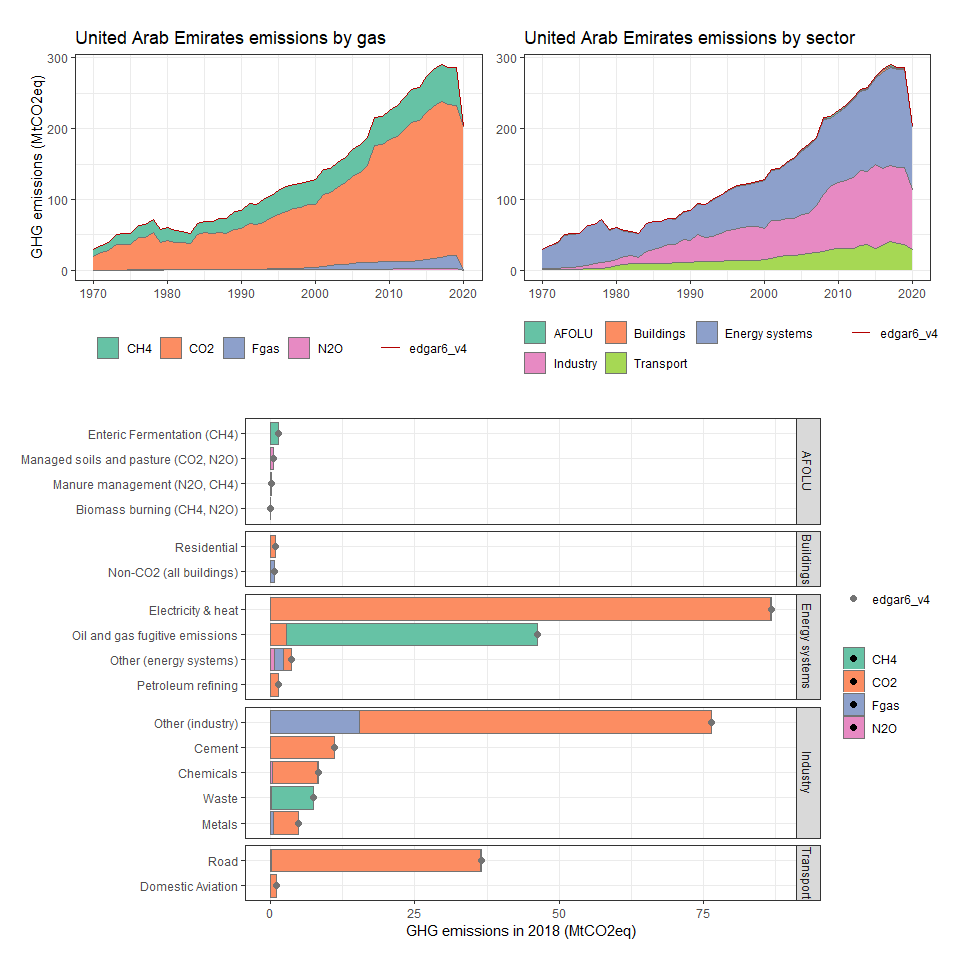
### Spain



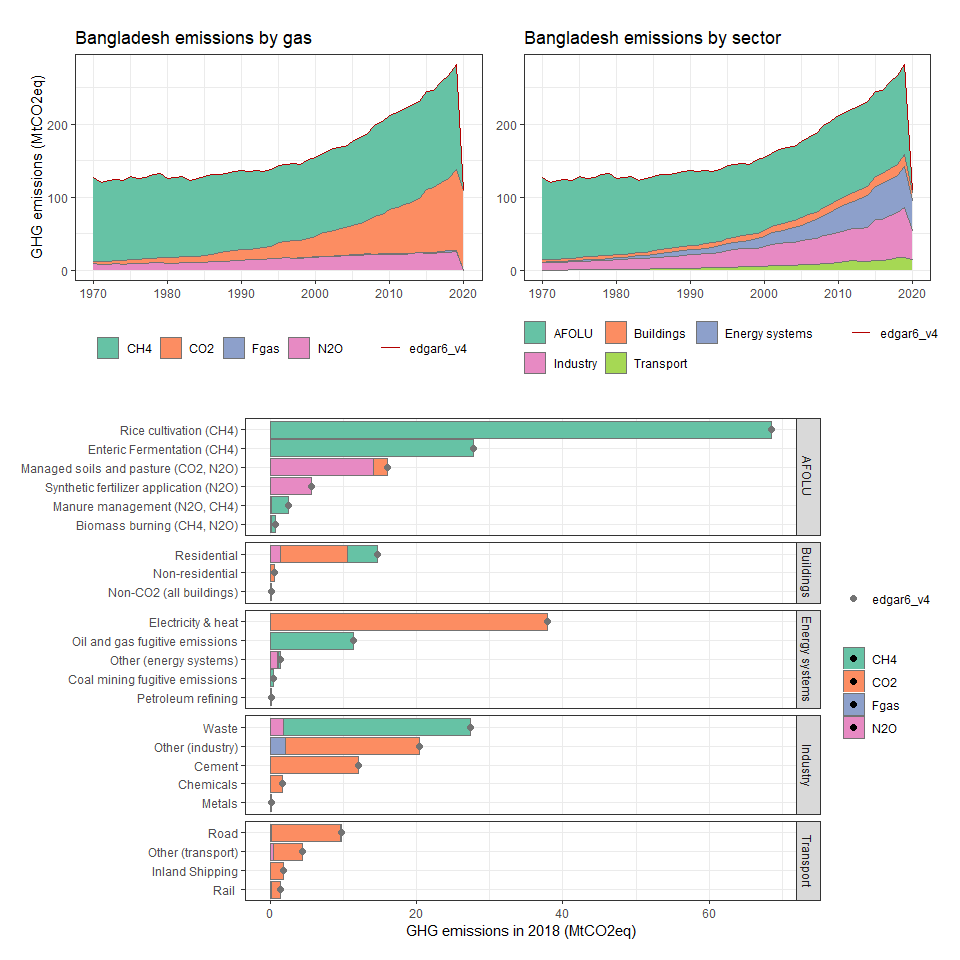
### Taiwan, China



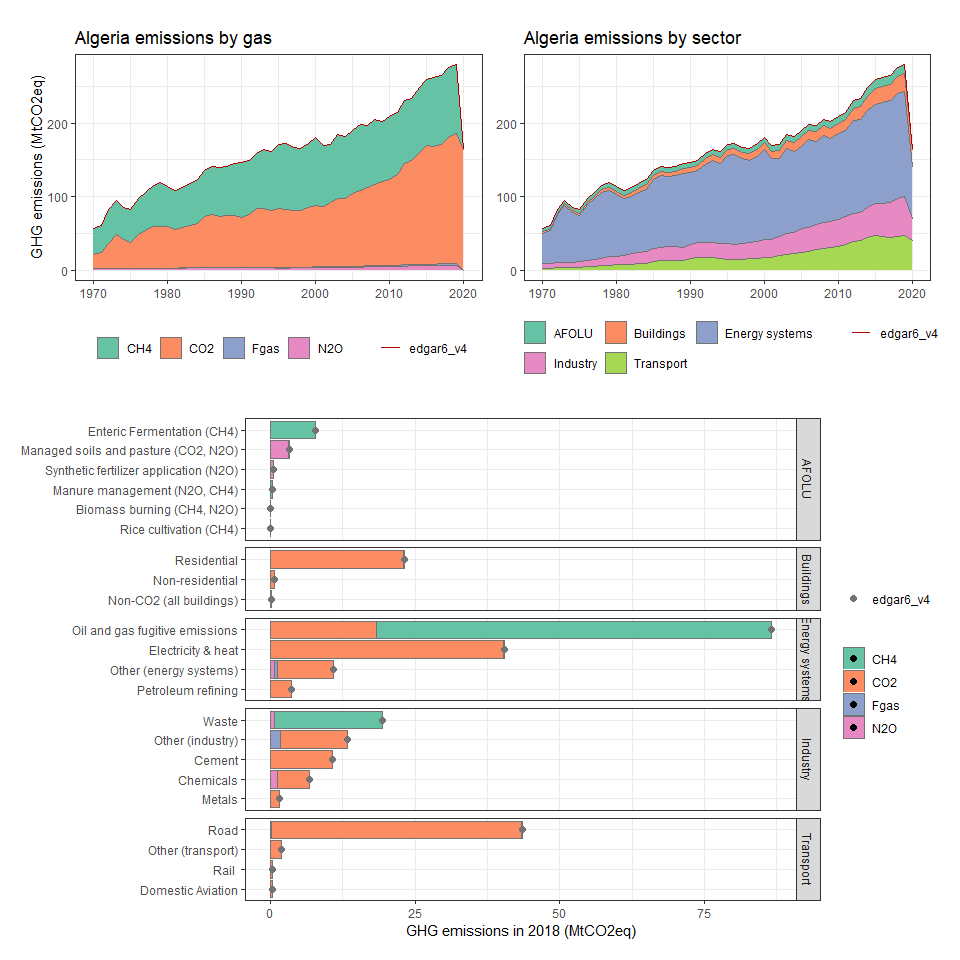
### United Arab Emirates



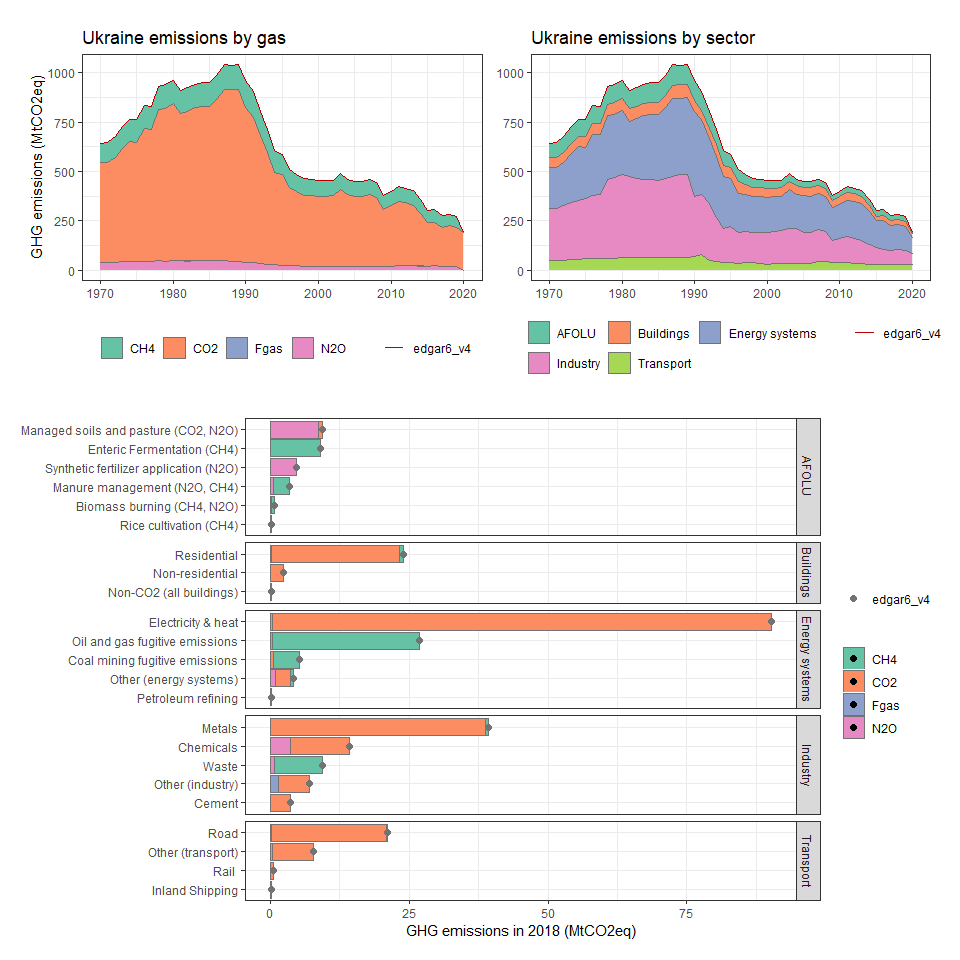
### Bangladesh



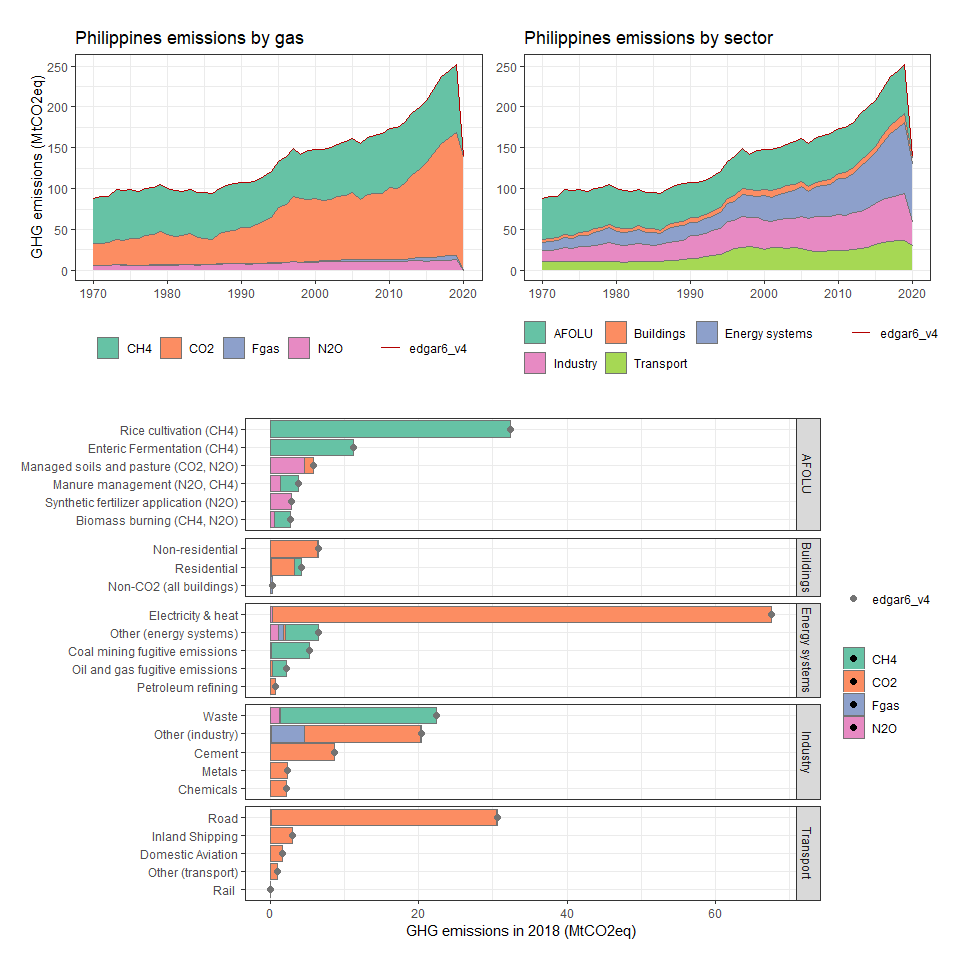
### Algeria



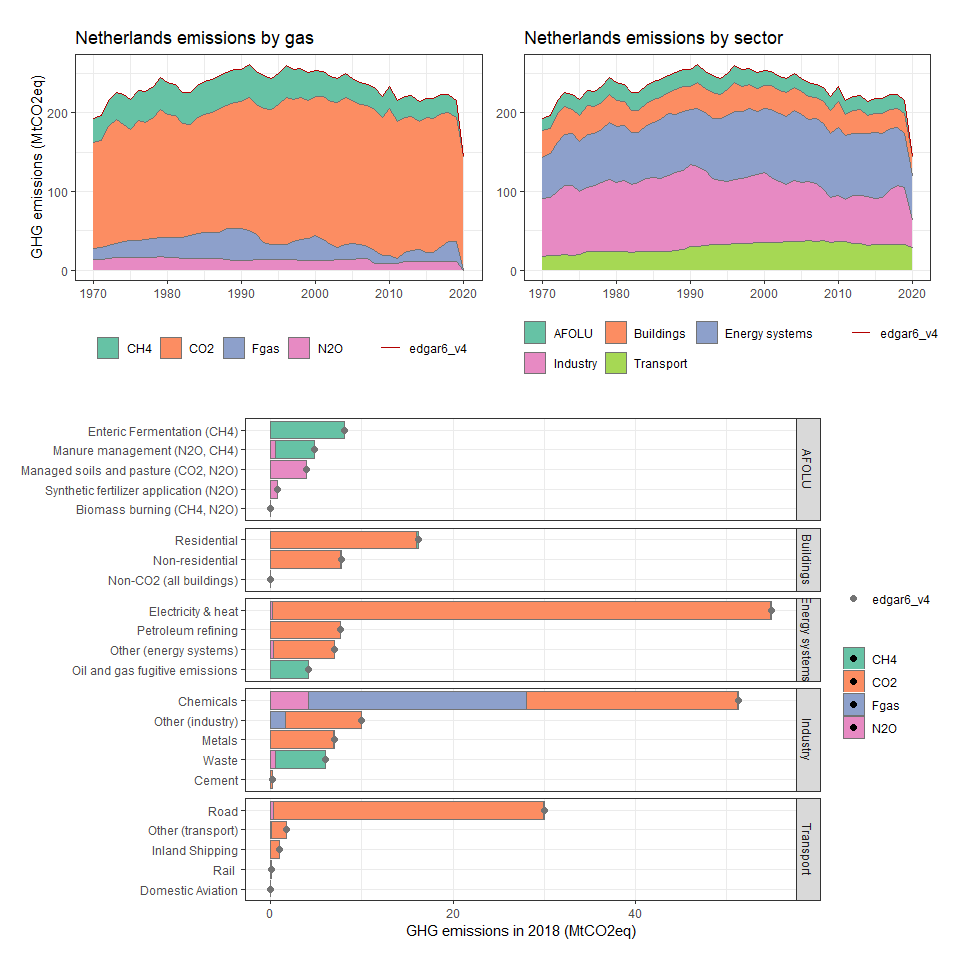
### Ukraine



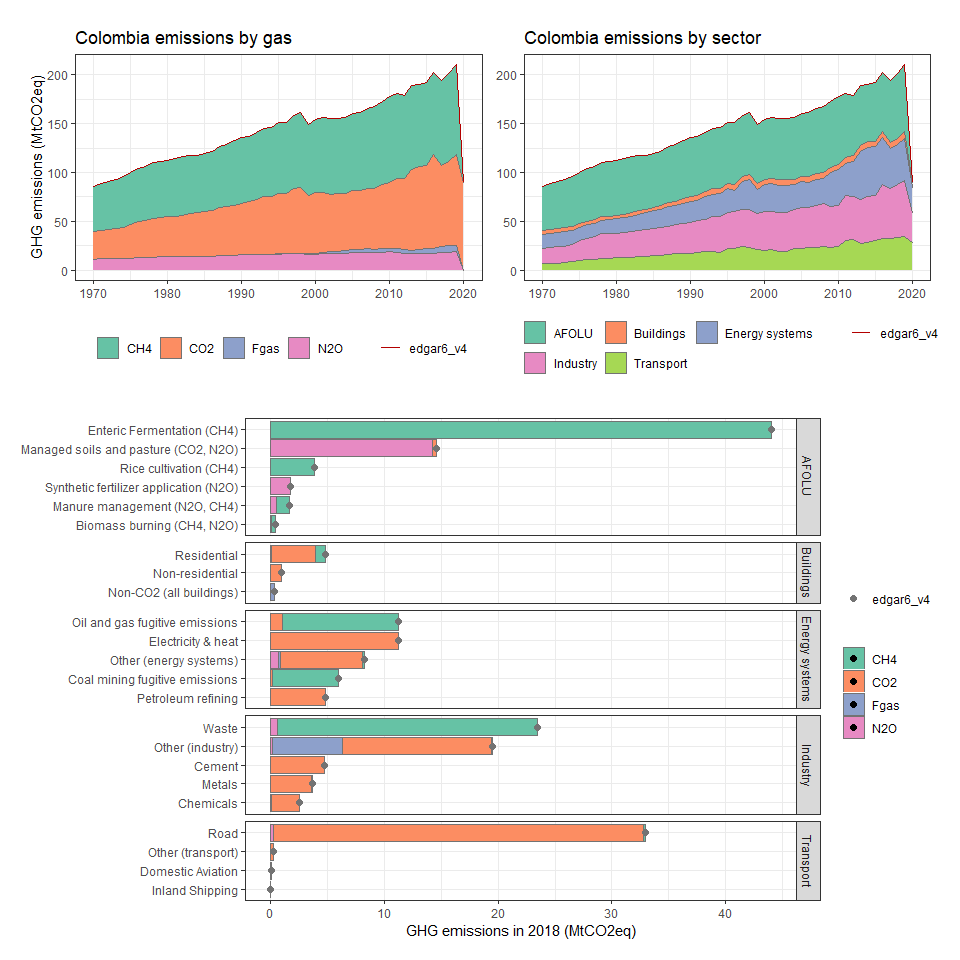
### Philippines



### Netherlands



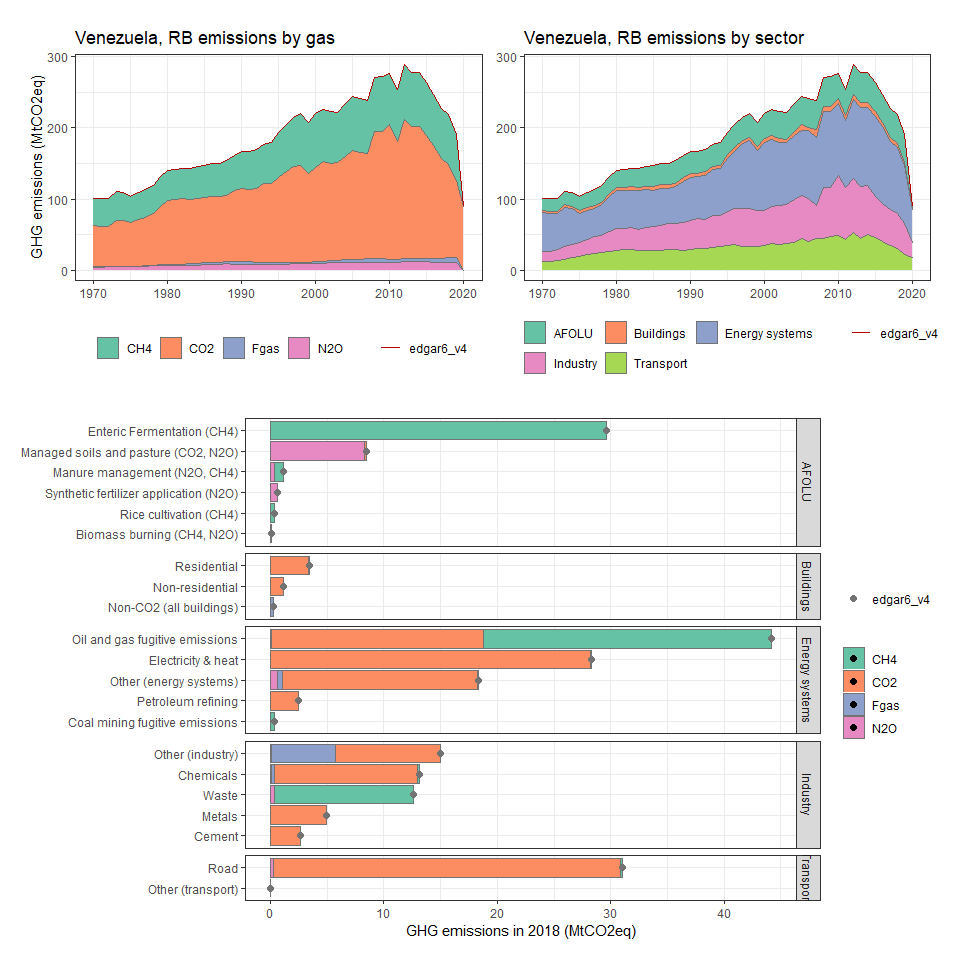
### Colombia



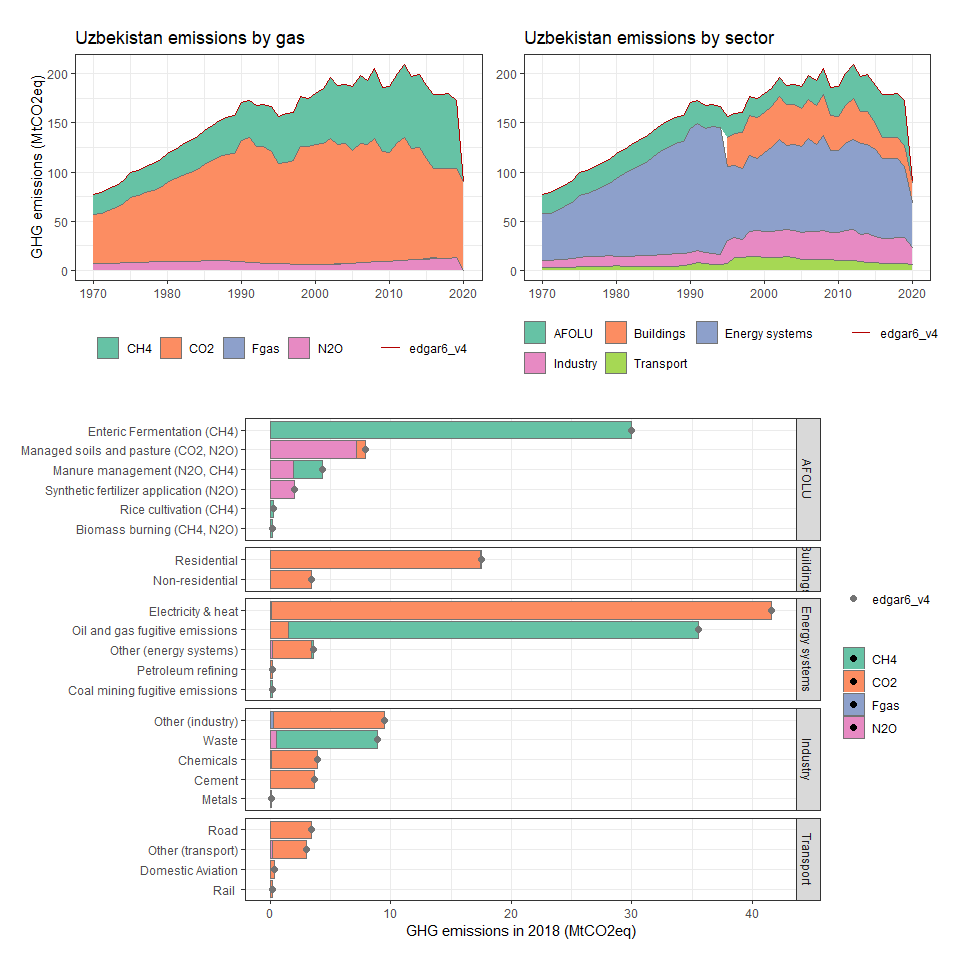
### Qatar



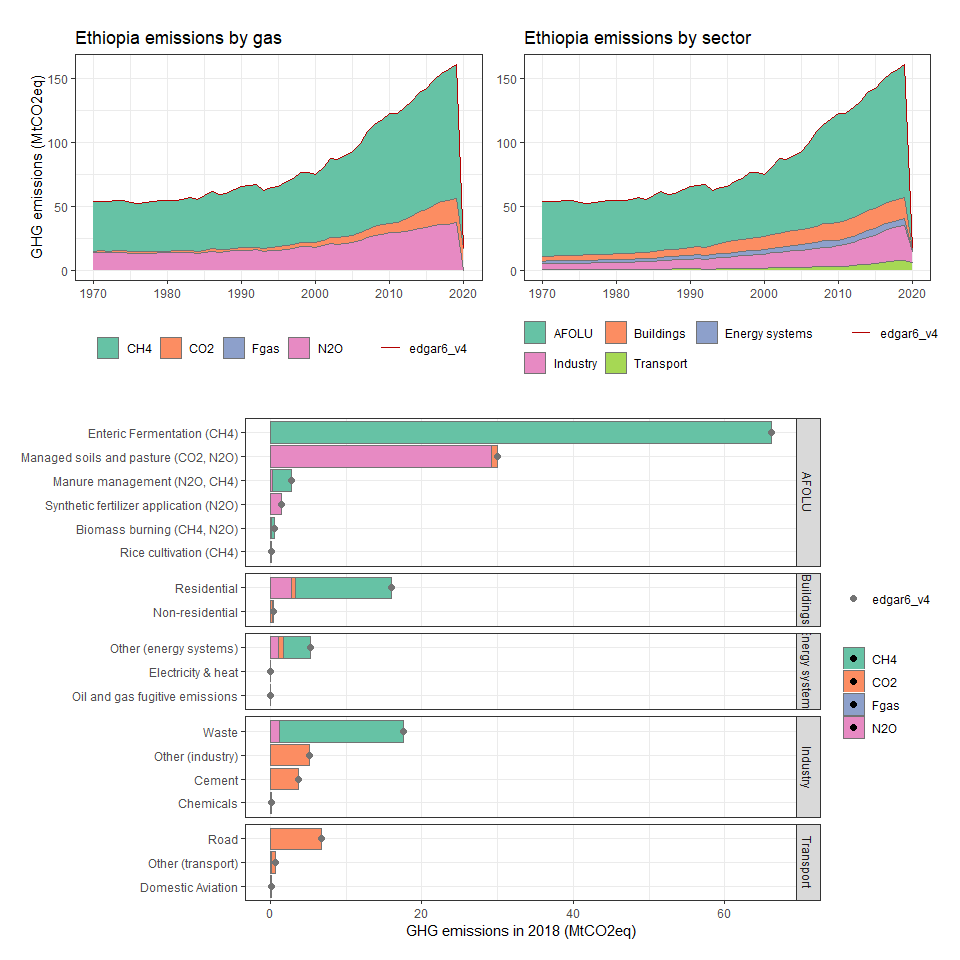
### Venezuela, RB



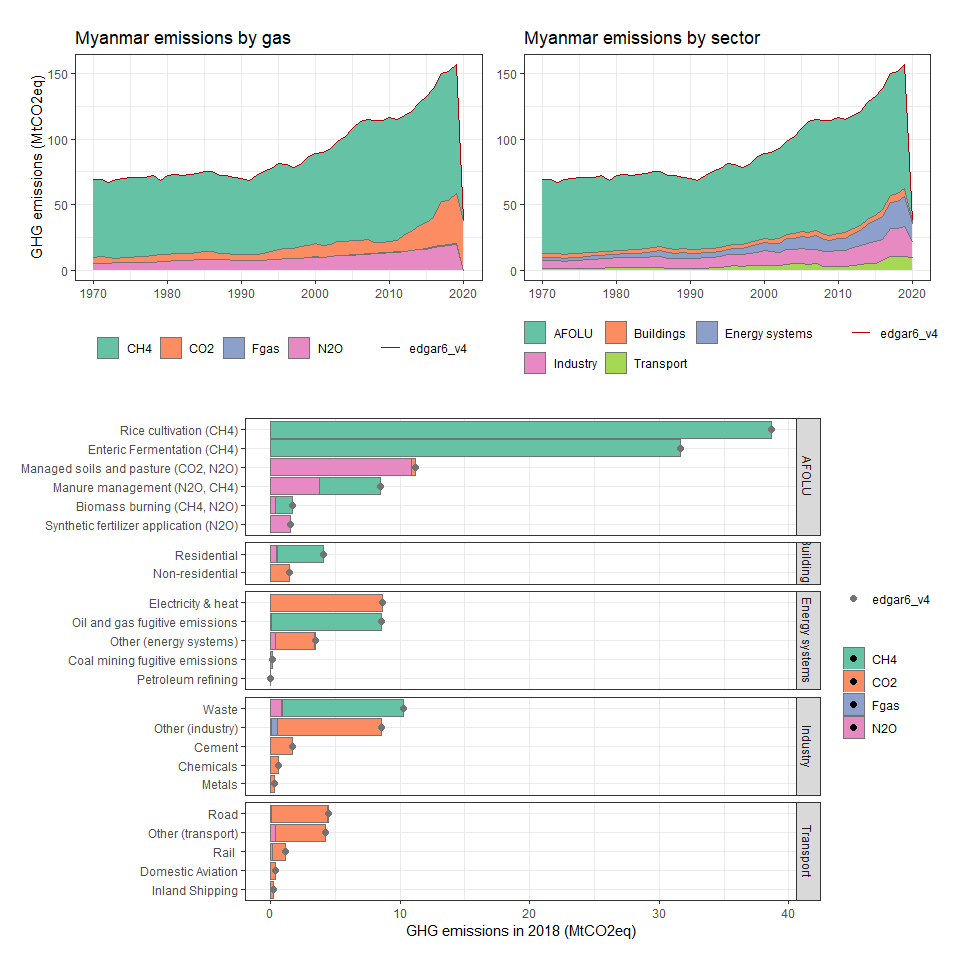
### Uzbekistan



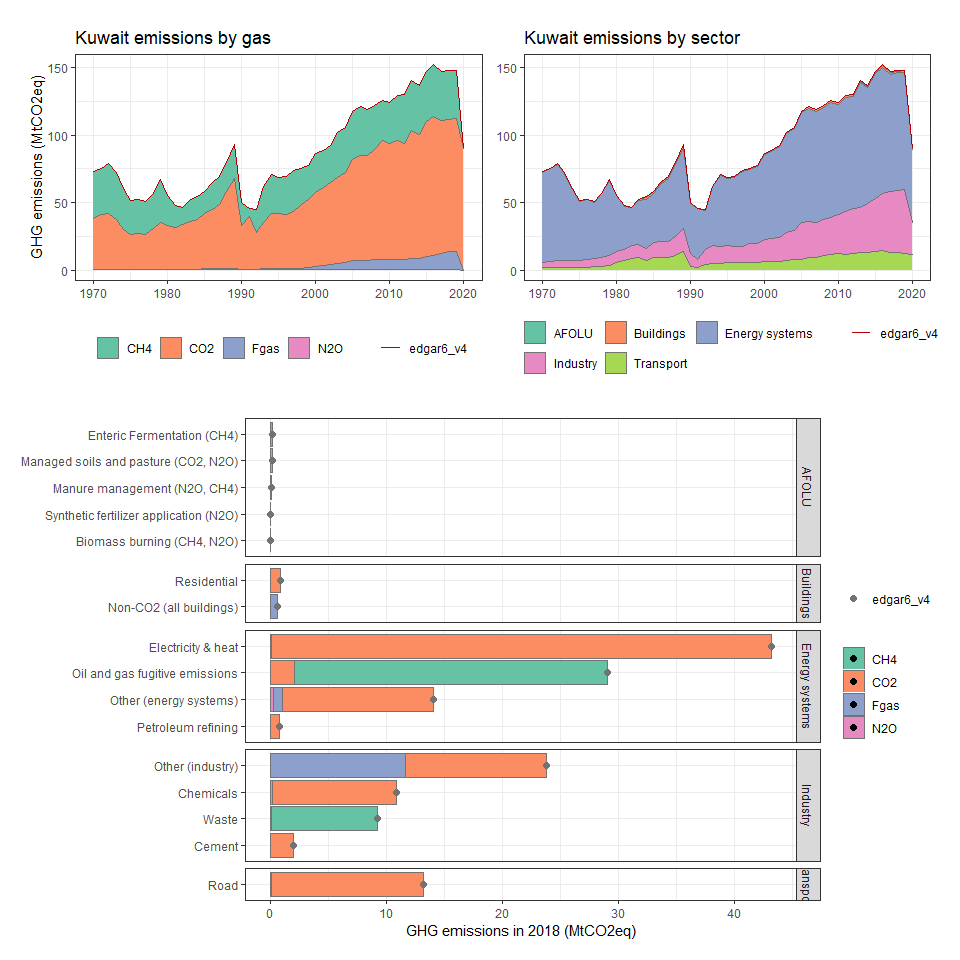
### Ethiopia



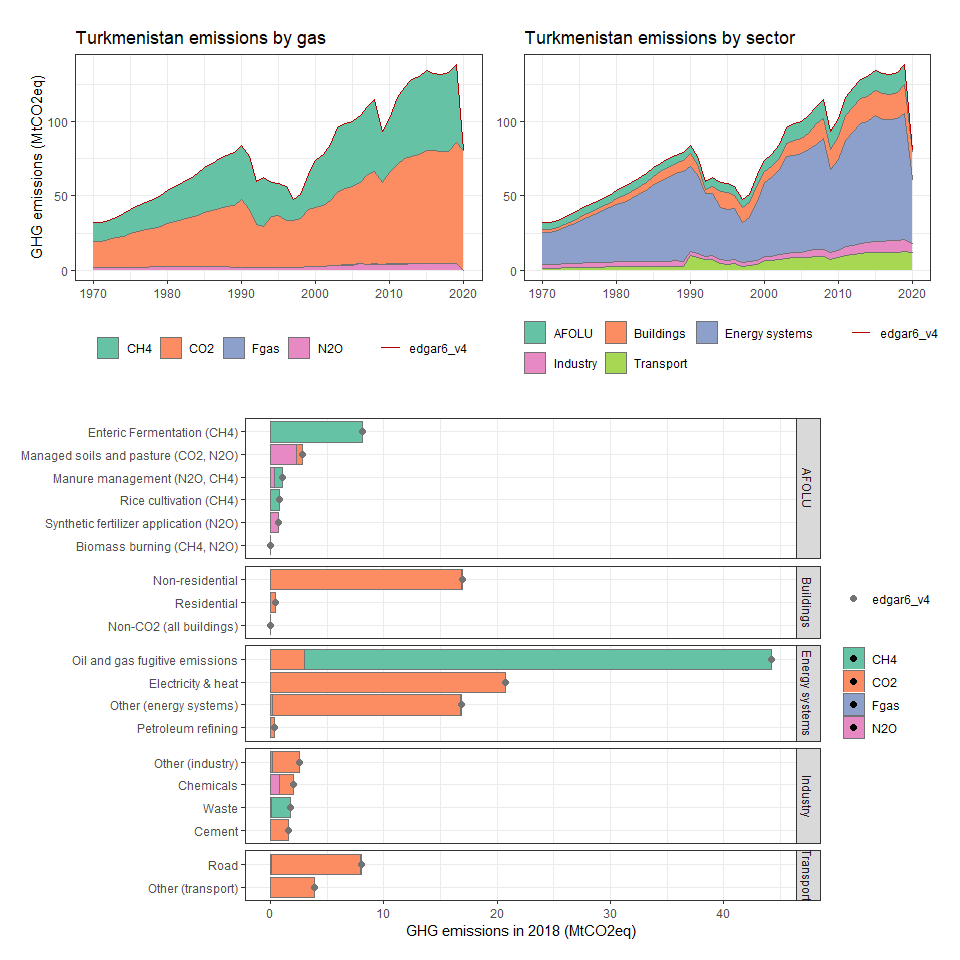
### Myanmar



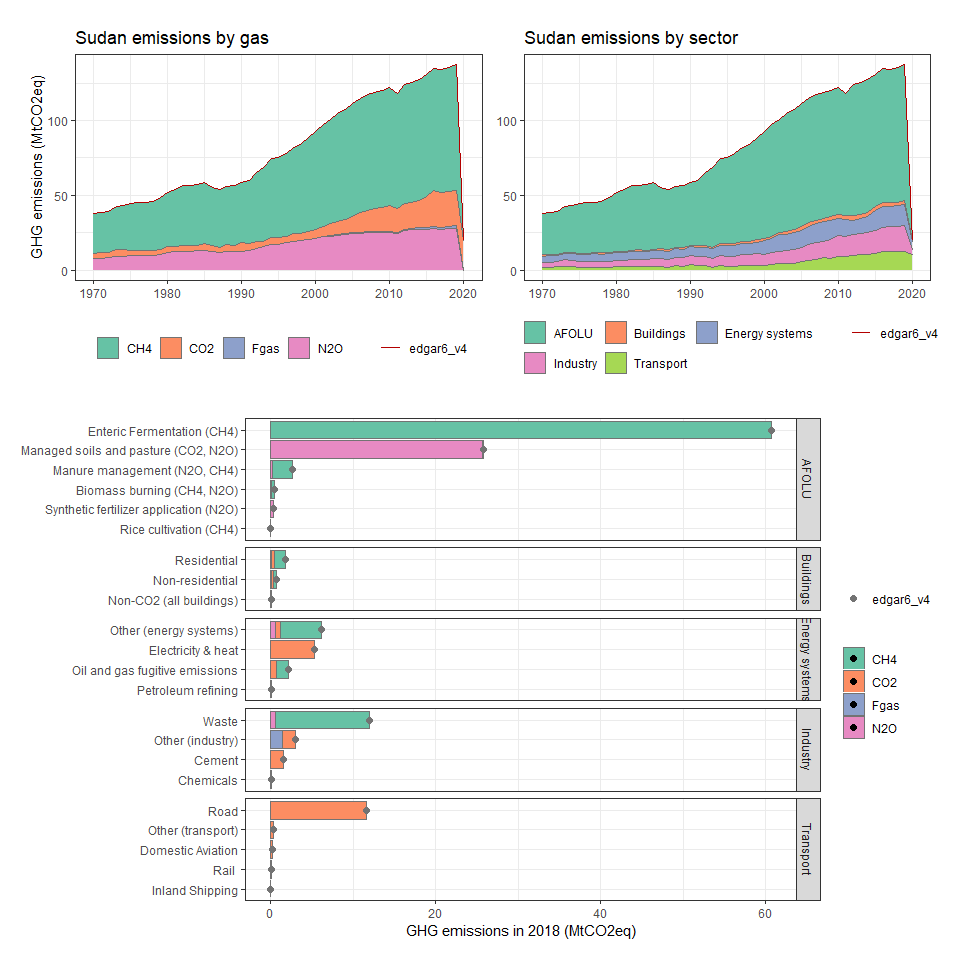
### Kuwait



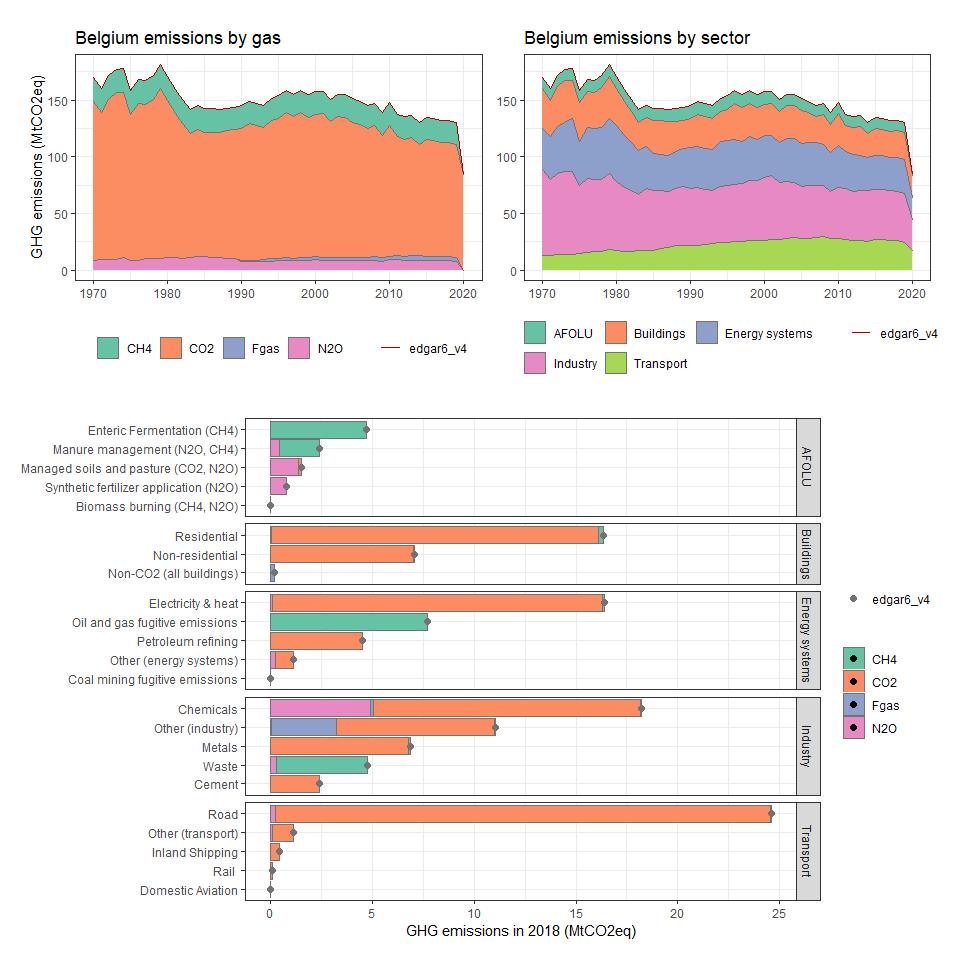
### Turkmenistan



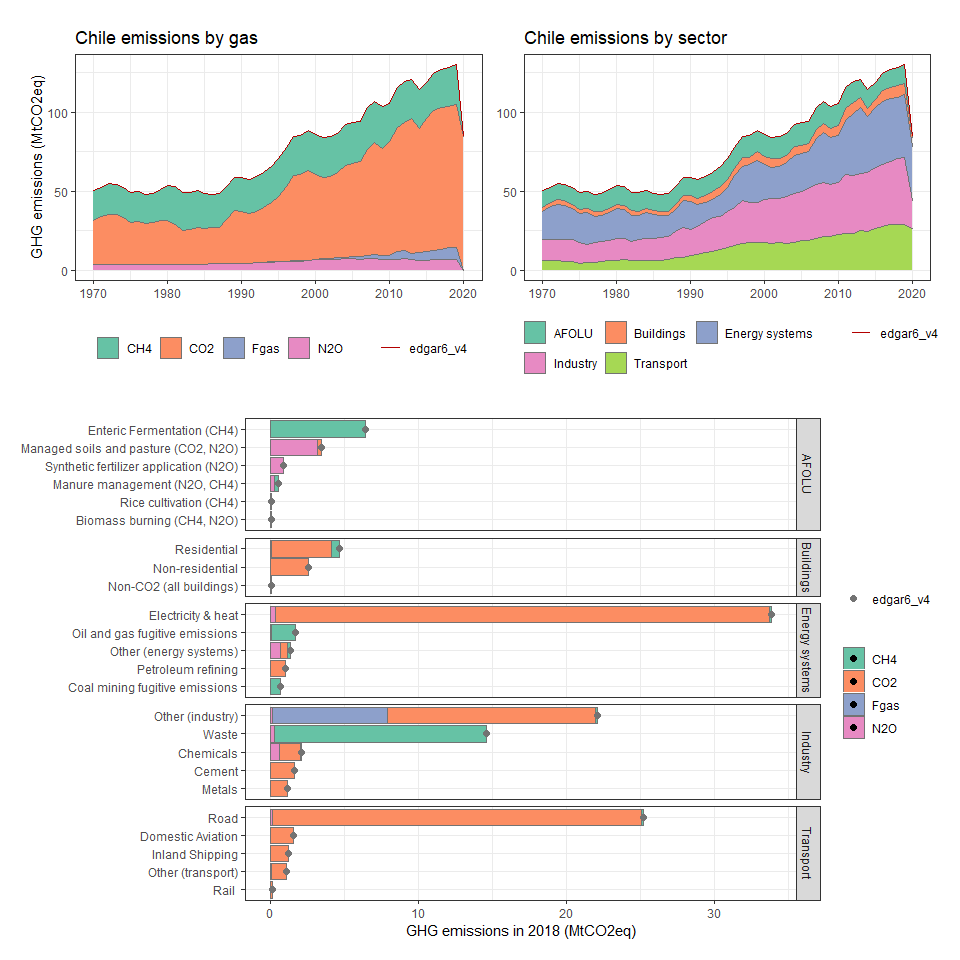
### Sudan



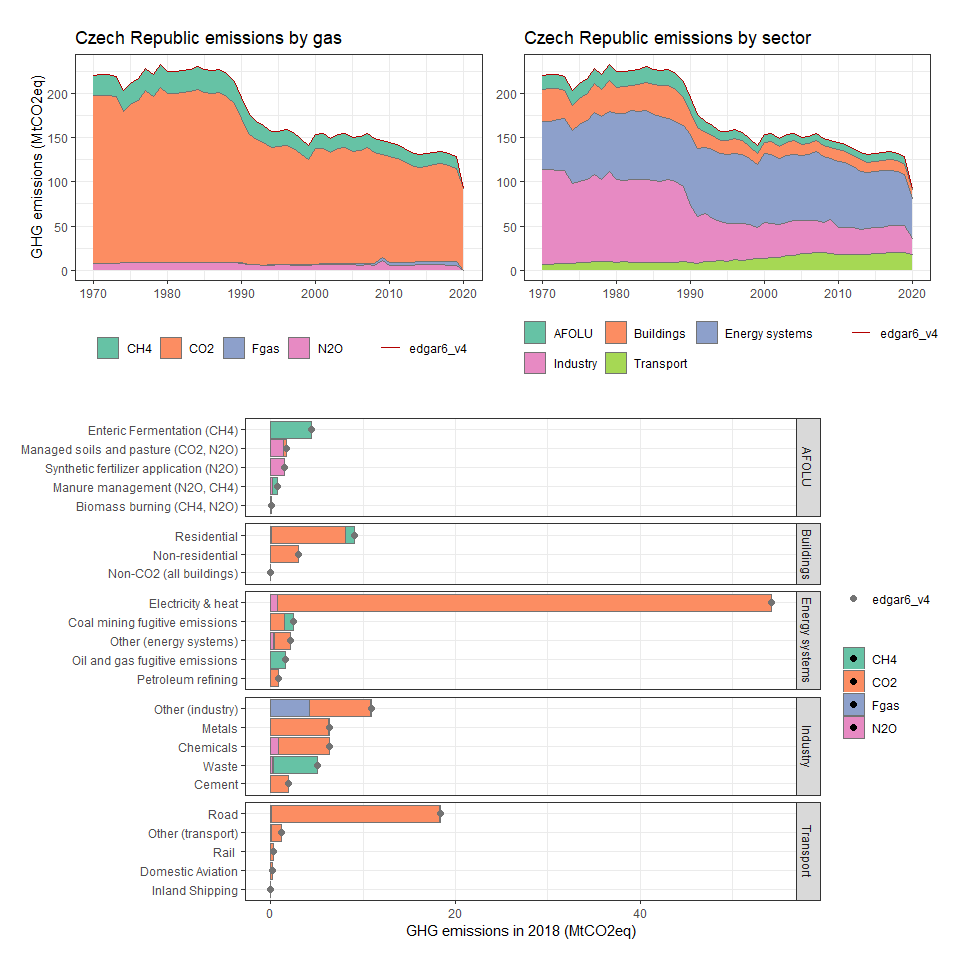
### Belgium



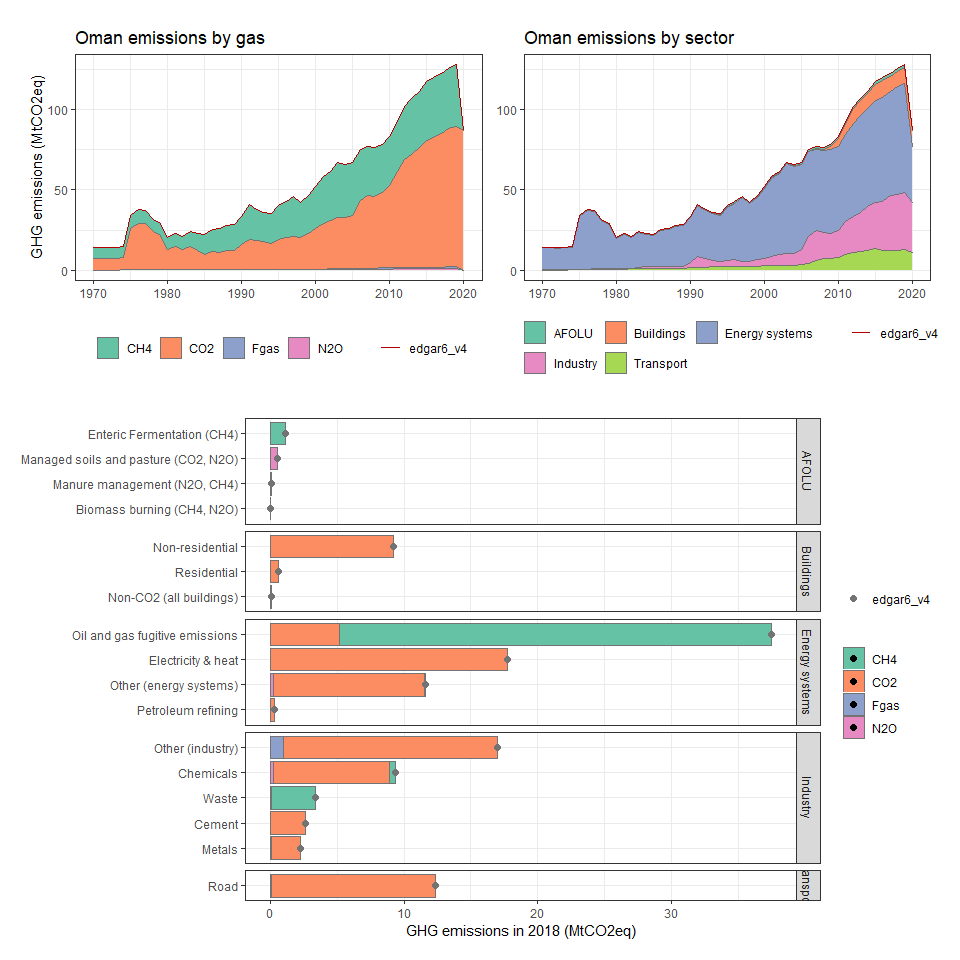
### Chile



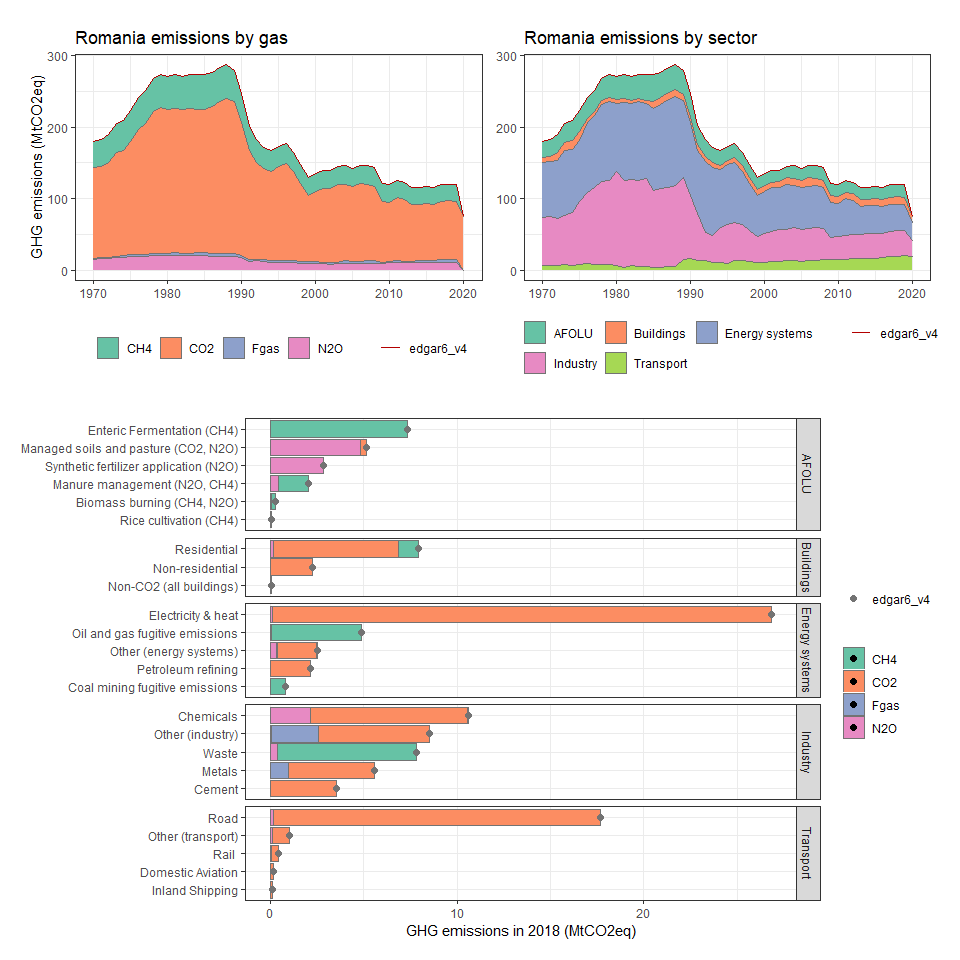
### Czech Republic



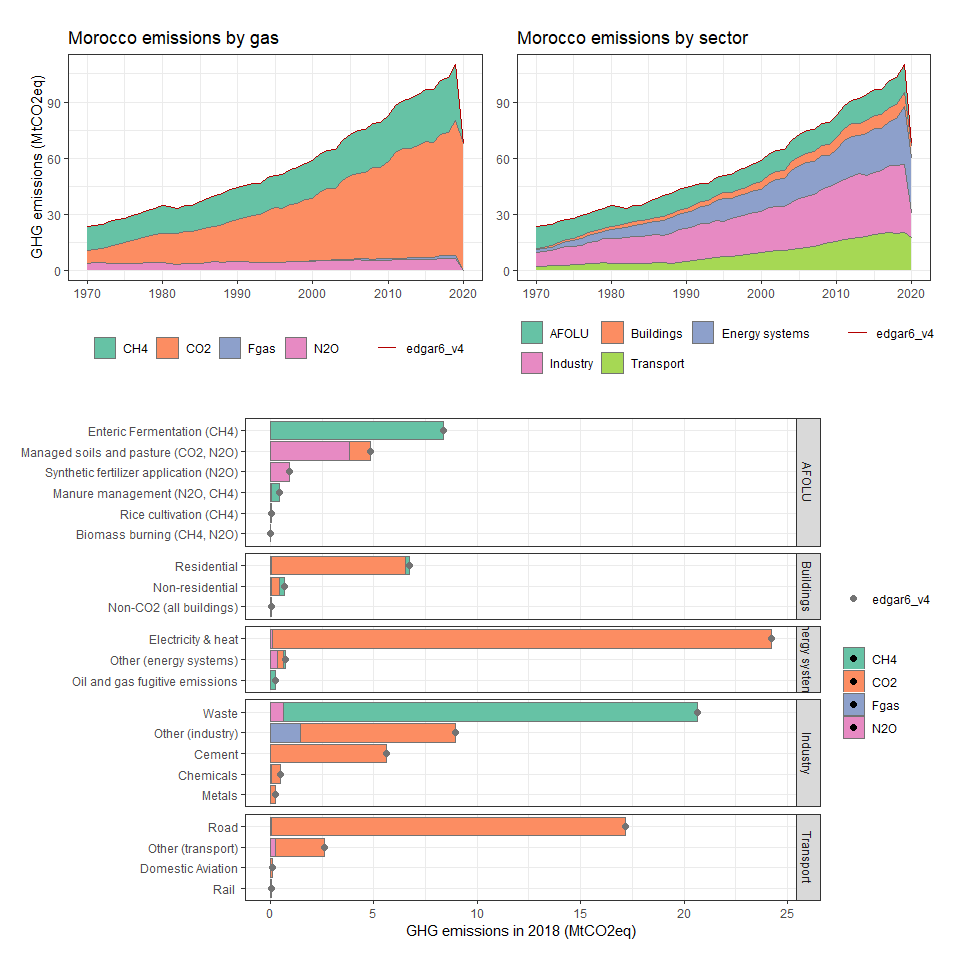
### Oman



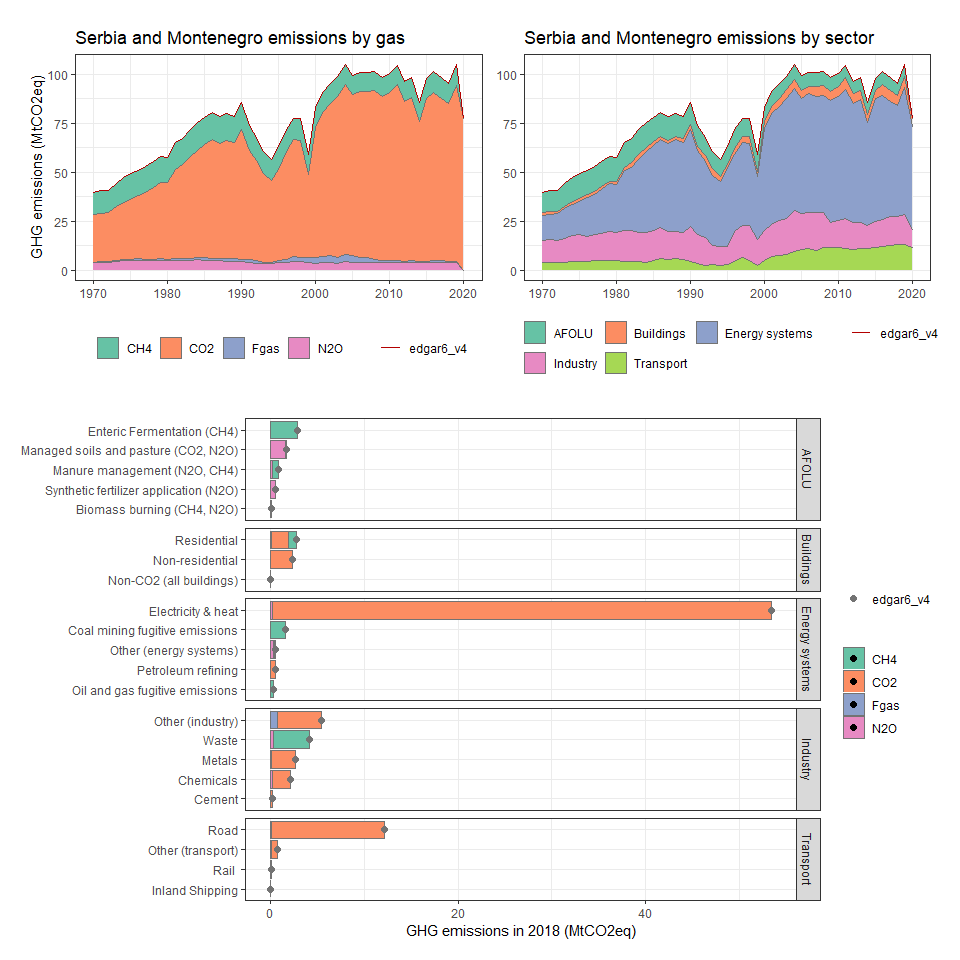
### Romania



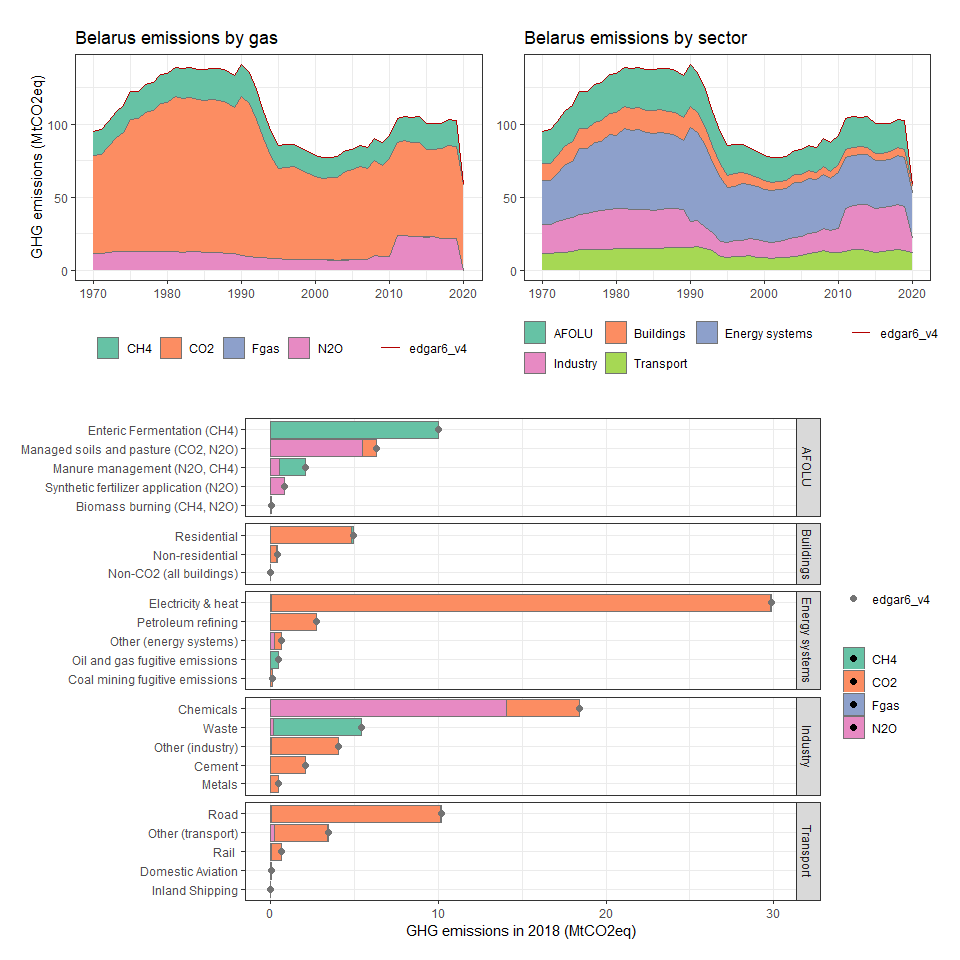
### Morocco



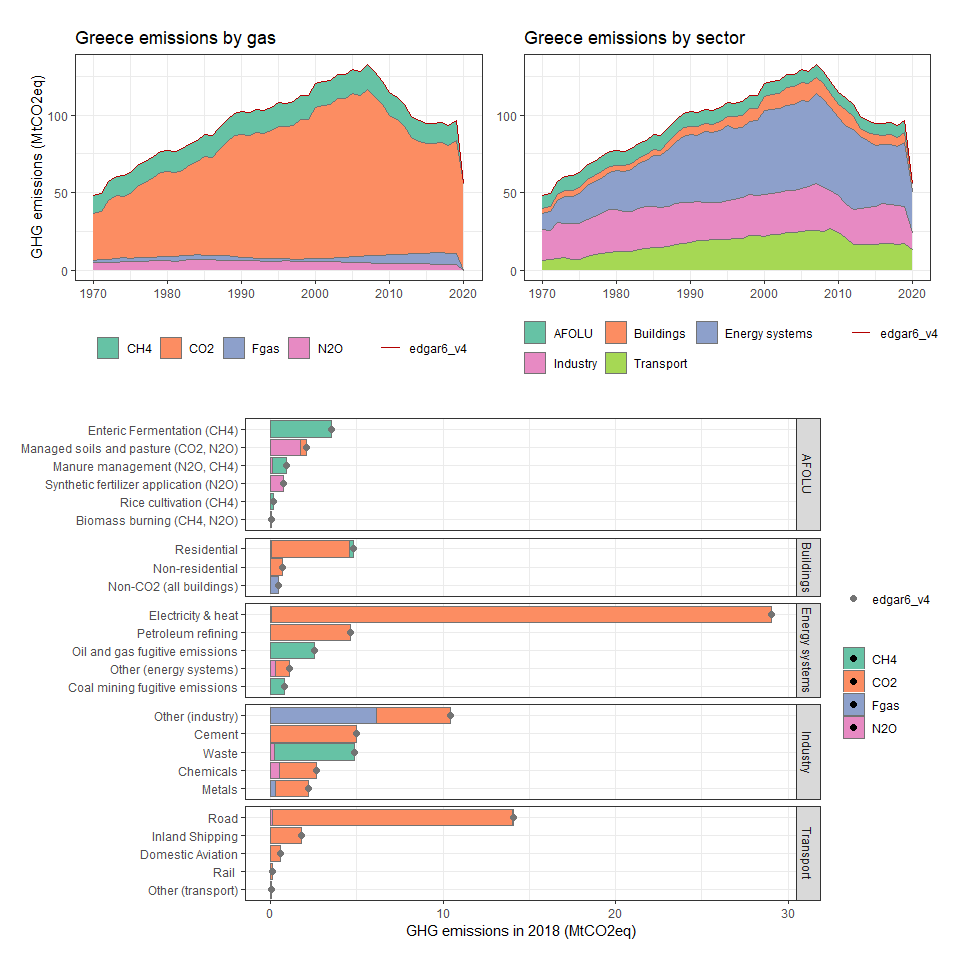
### Serbia and Montenegro



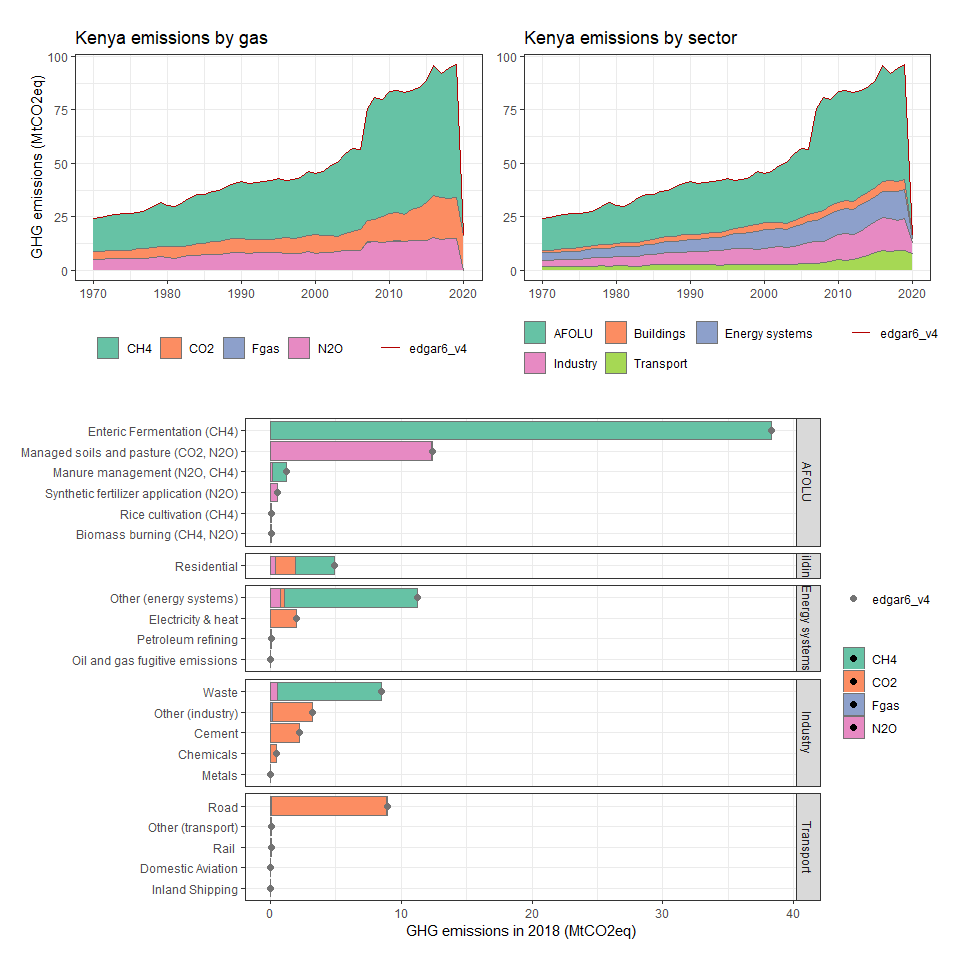
### Belarus



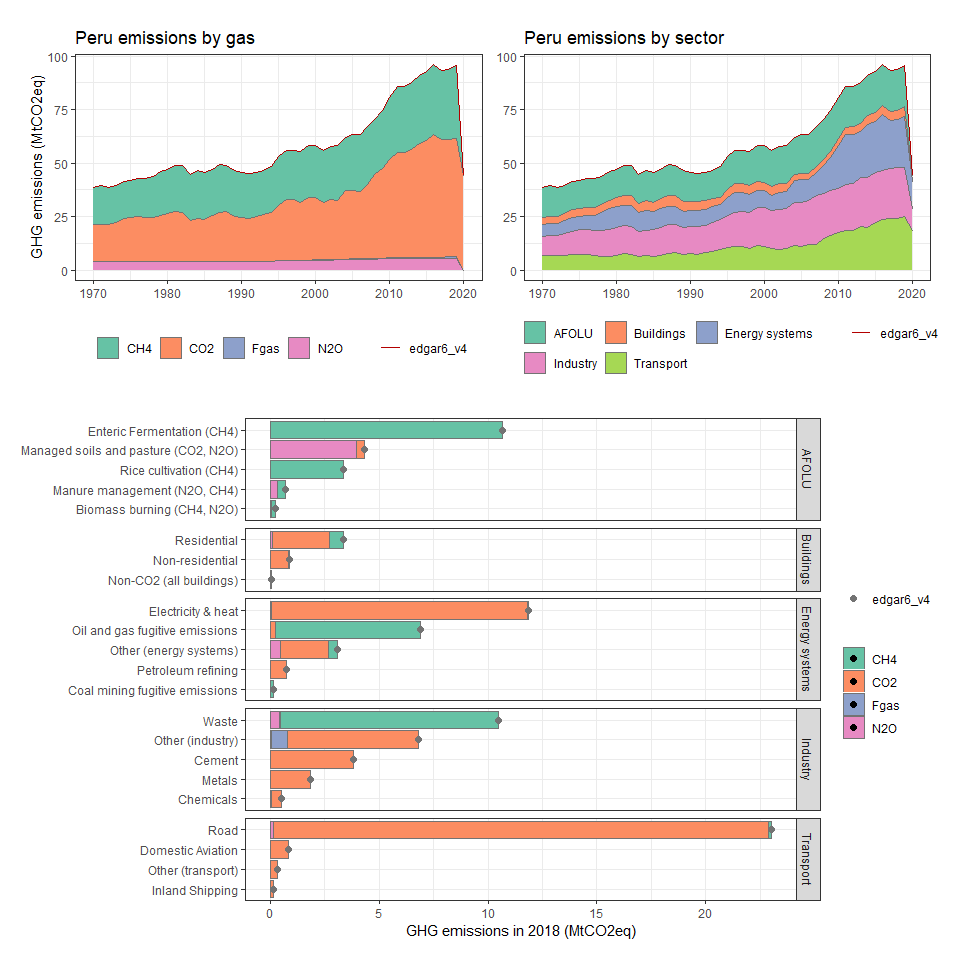
### Greece



### Kenya



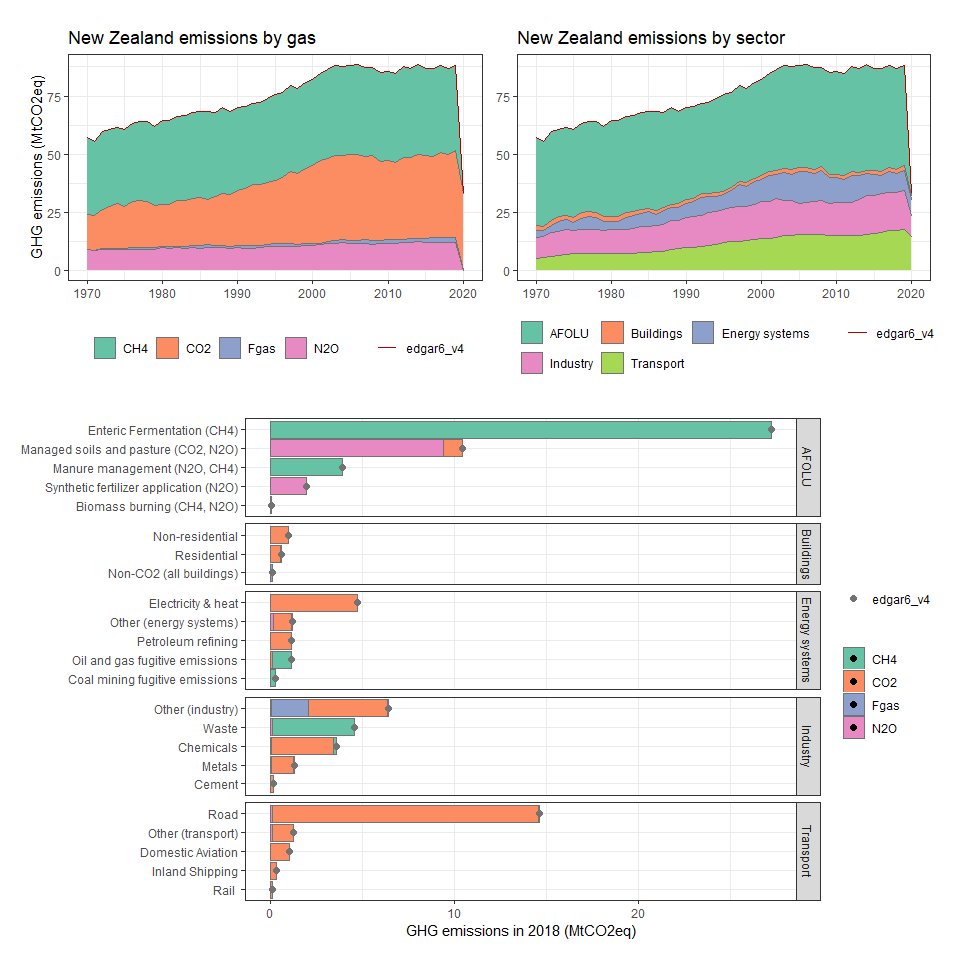
### Peru



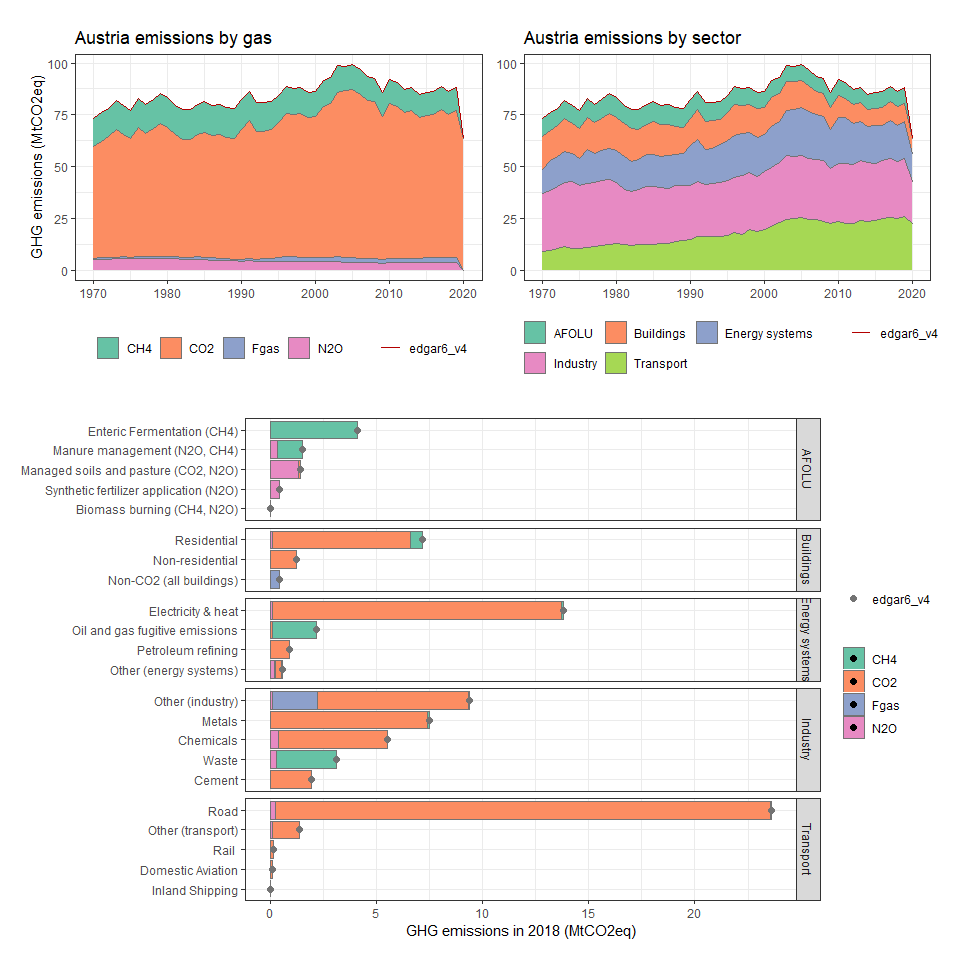
### Israel



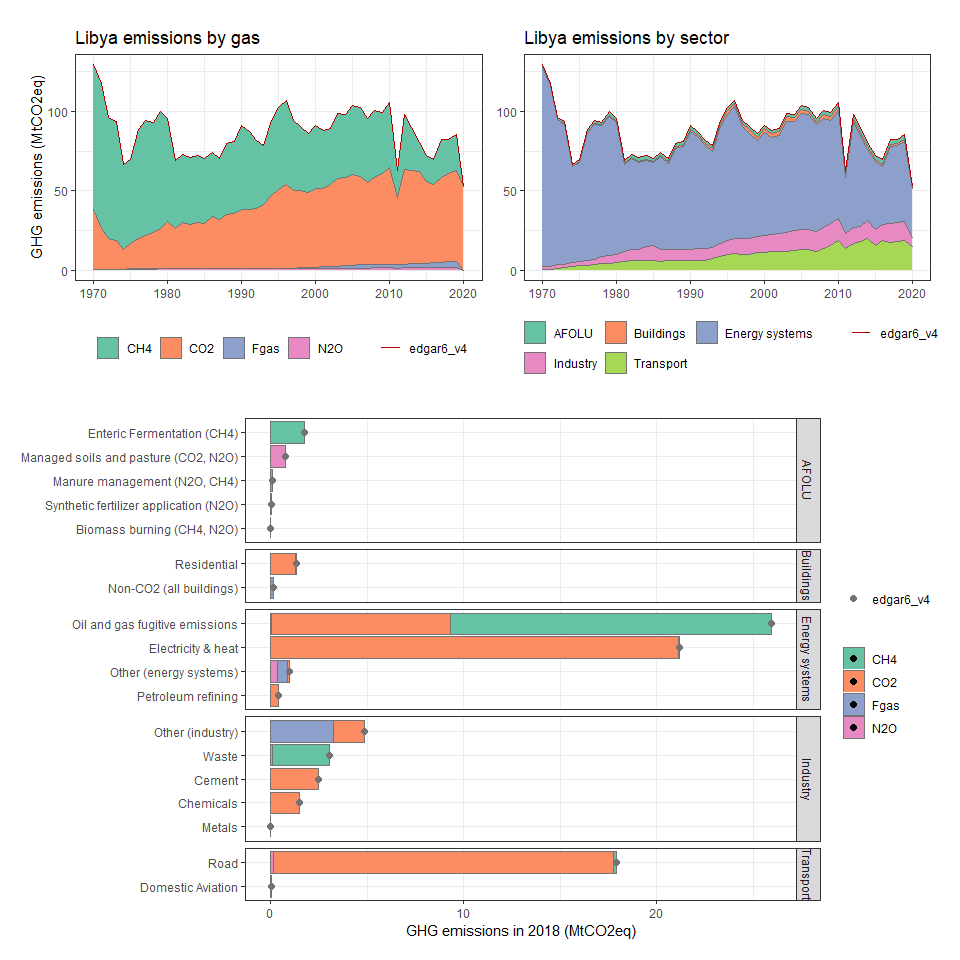
### New Zealand



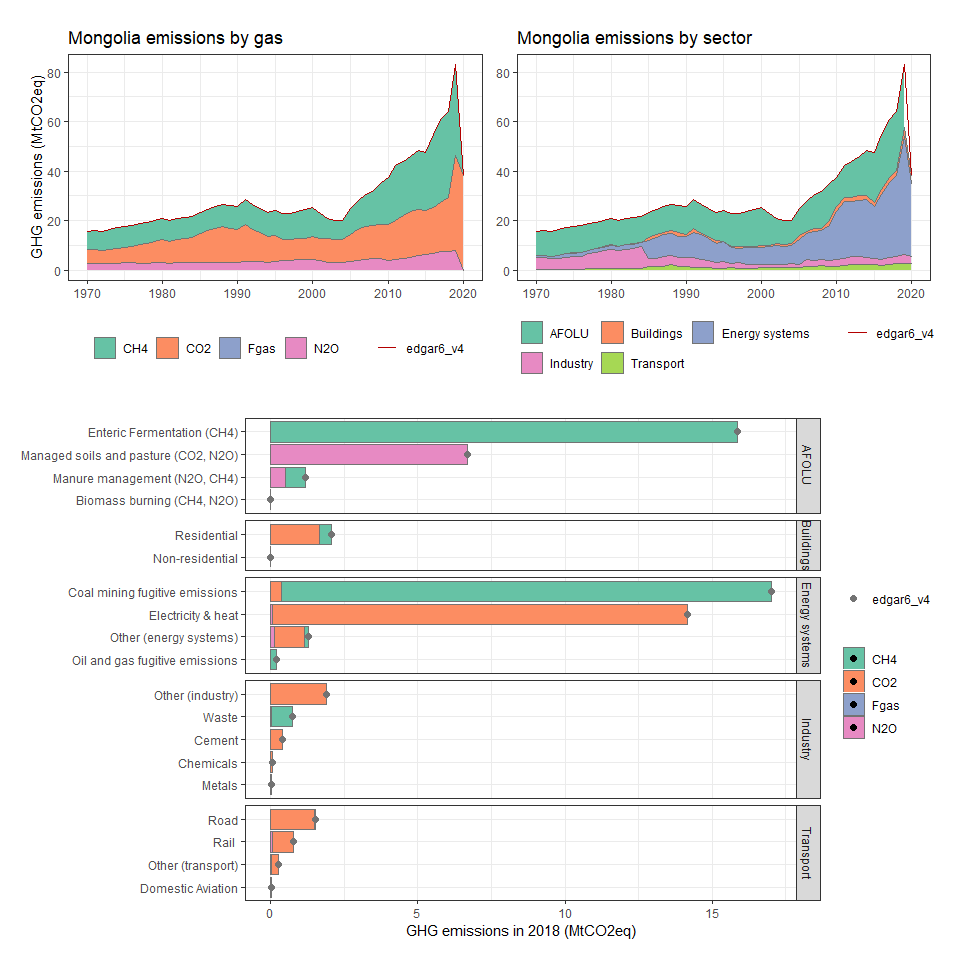
### Austria



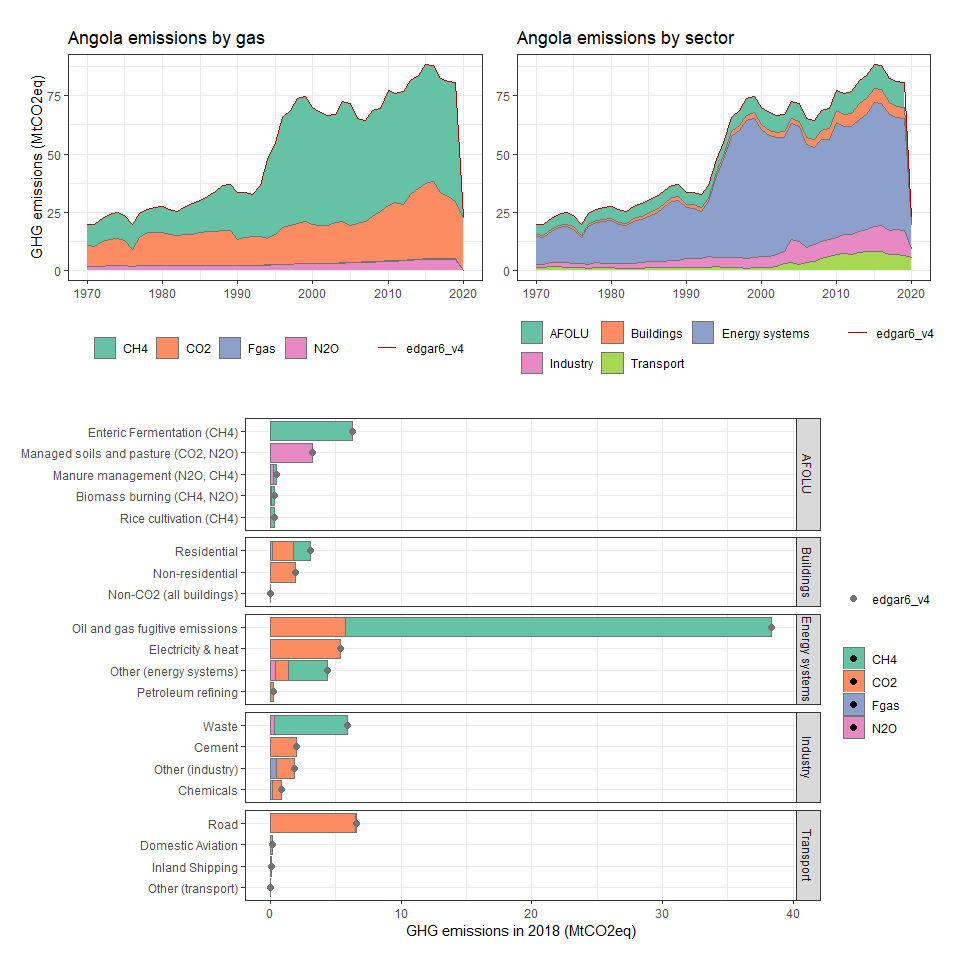
### Libya



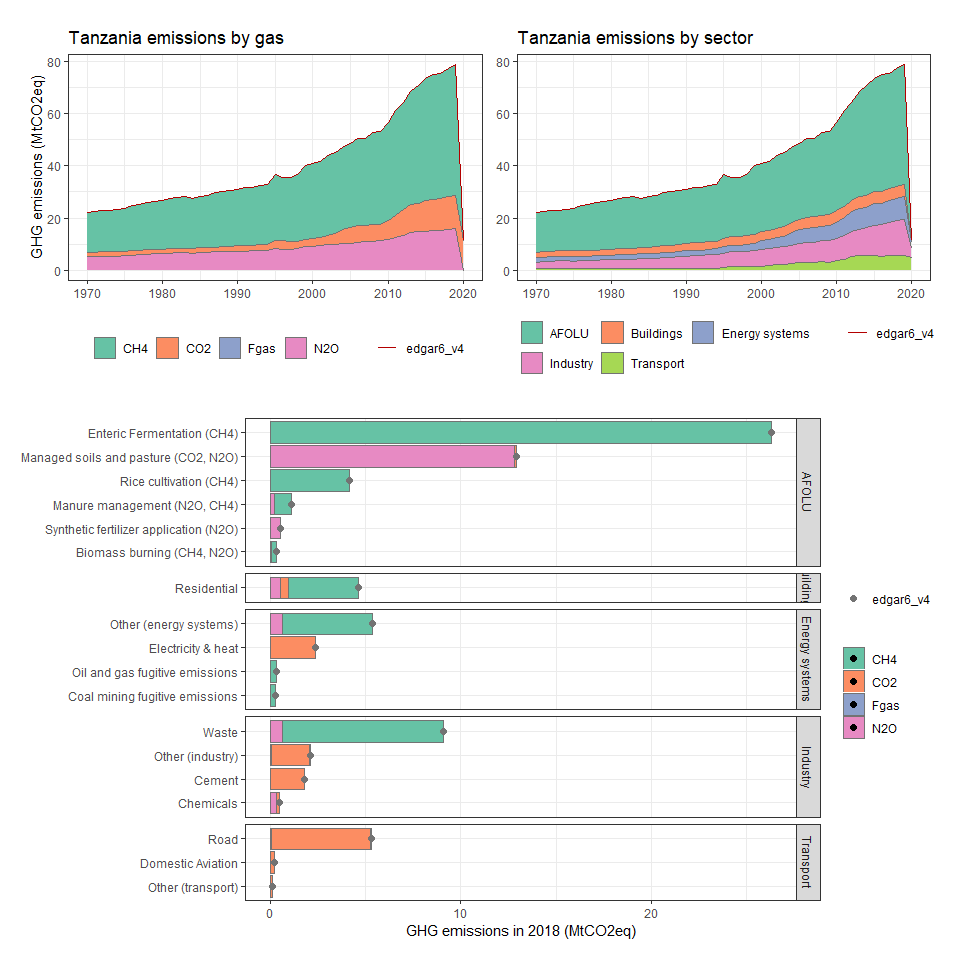
### Mongolia



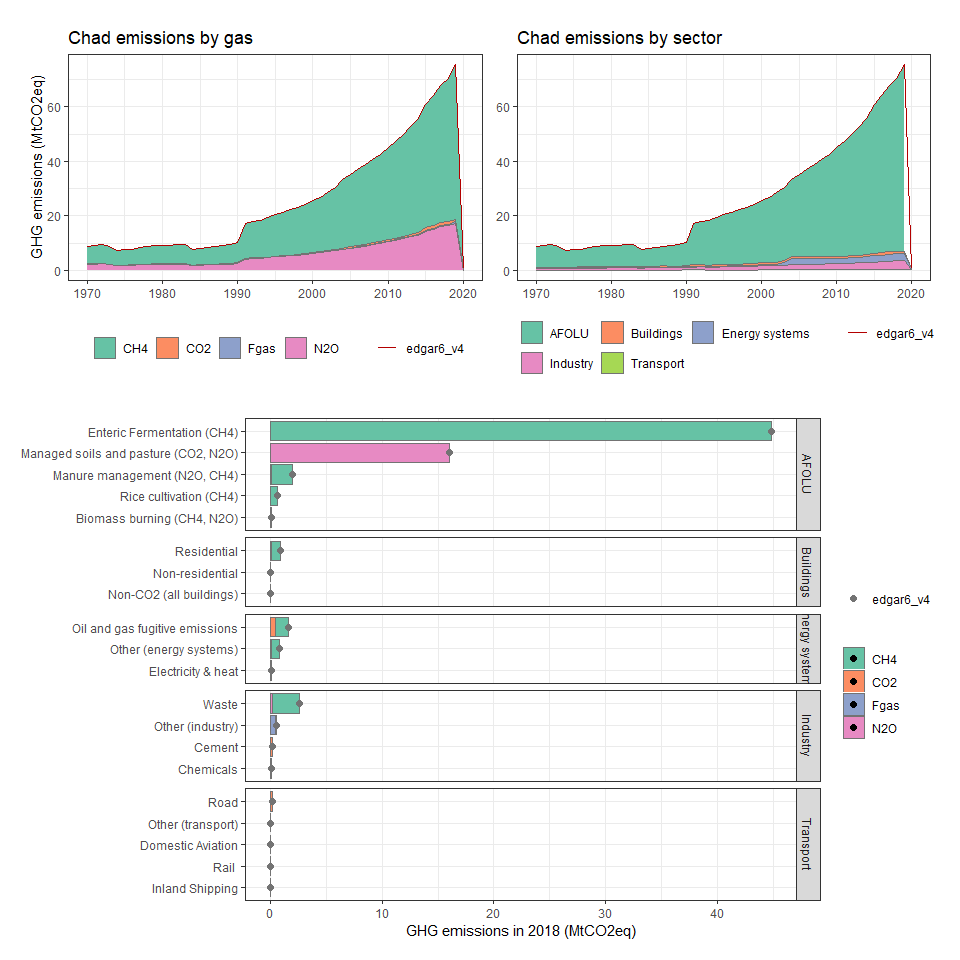
### Angola



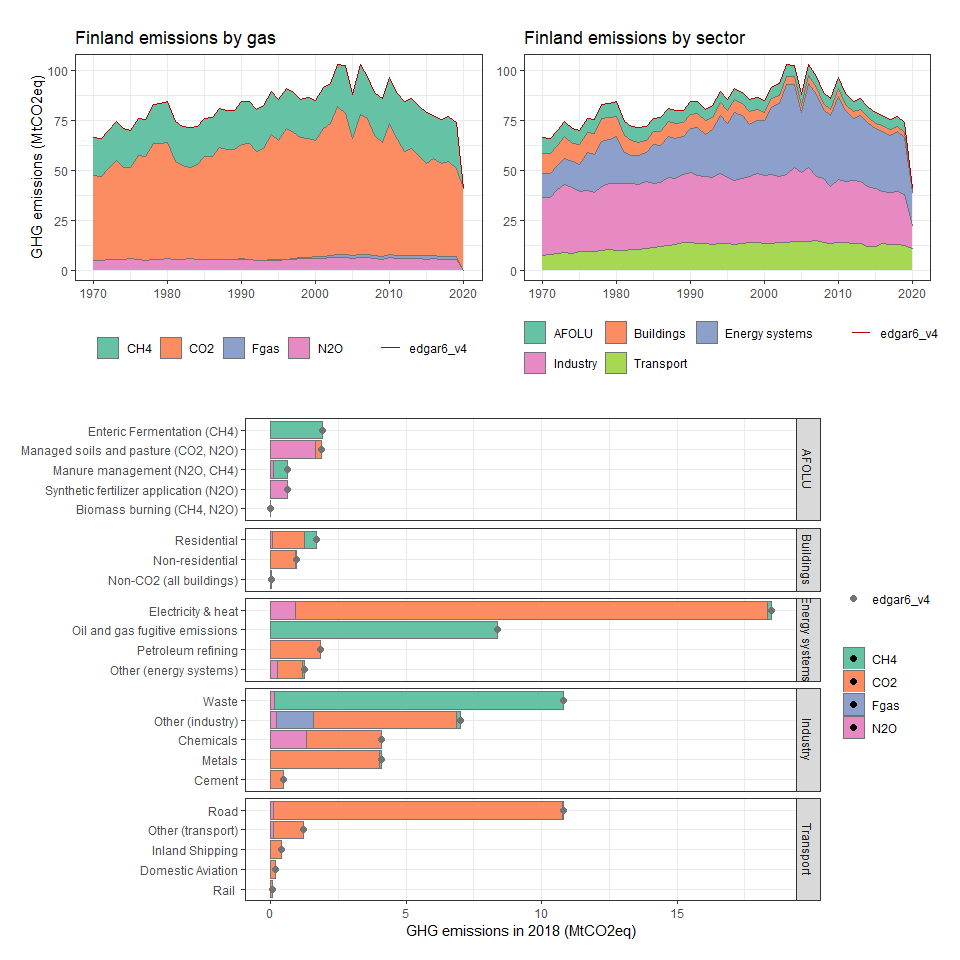
### Tanzania



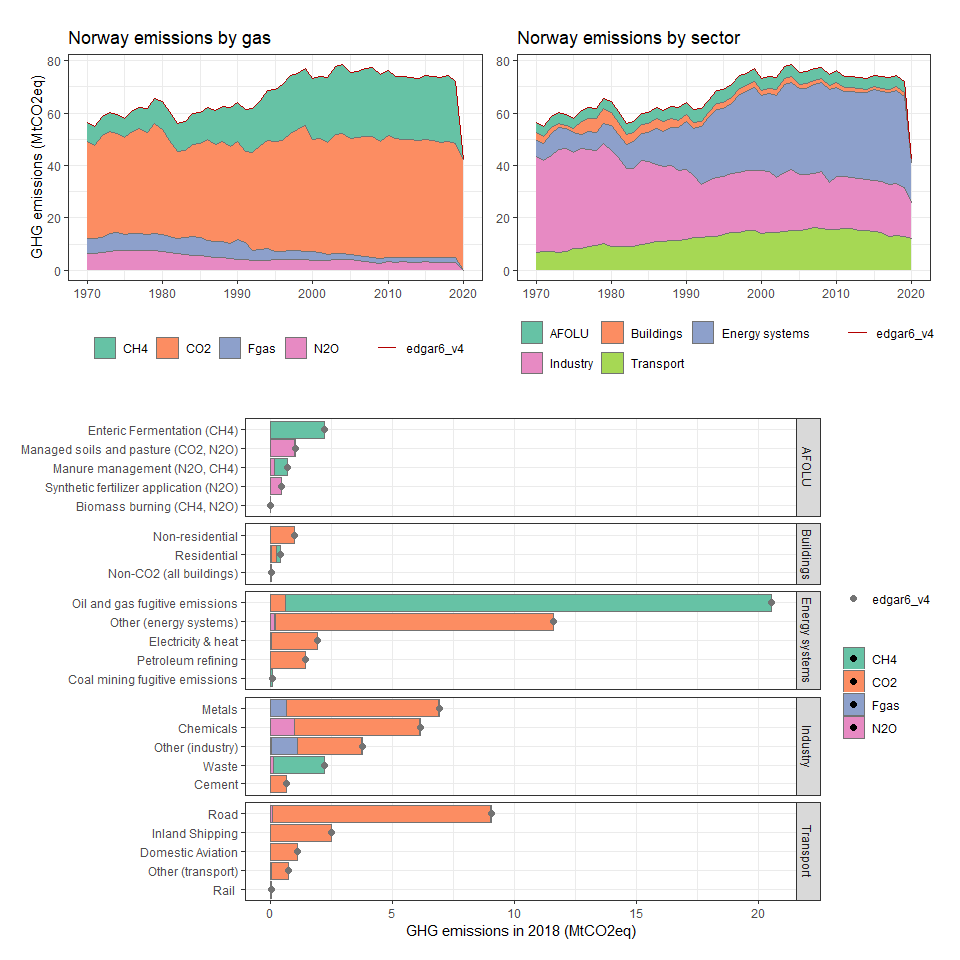
### Chad



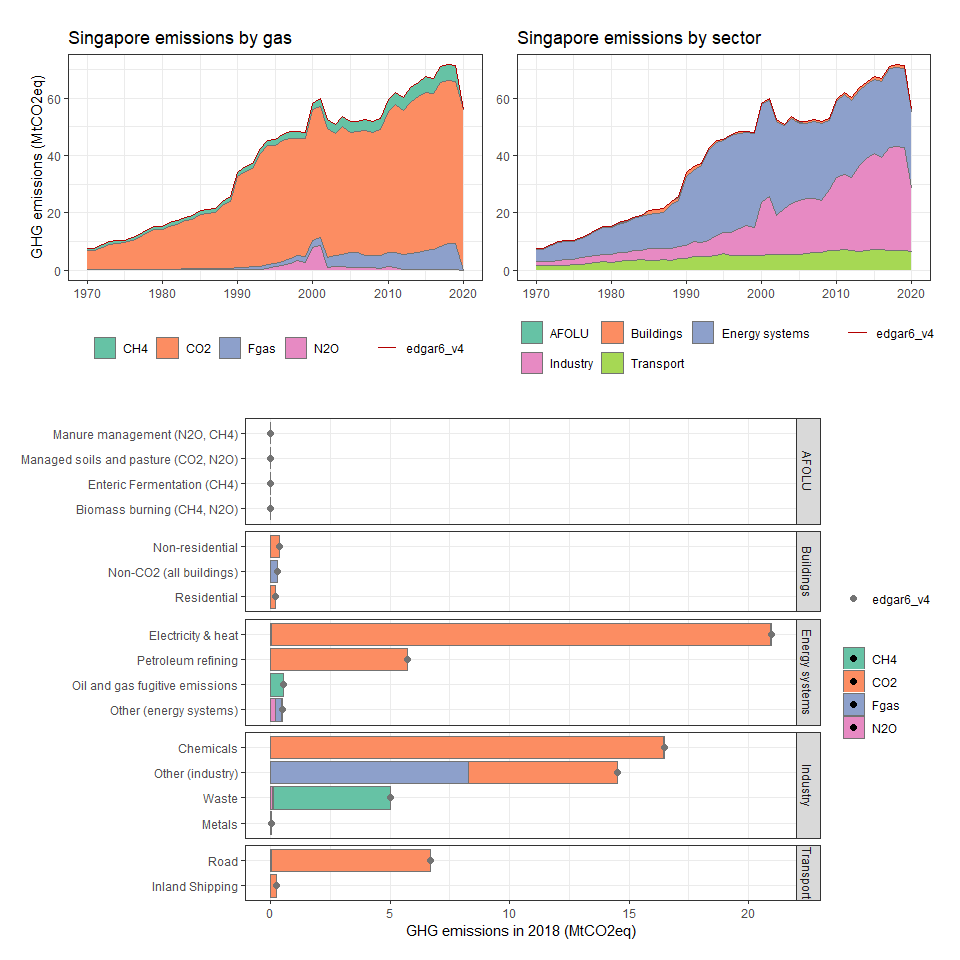
### Finland



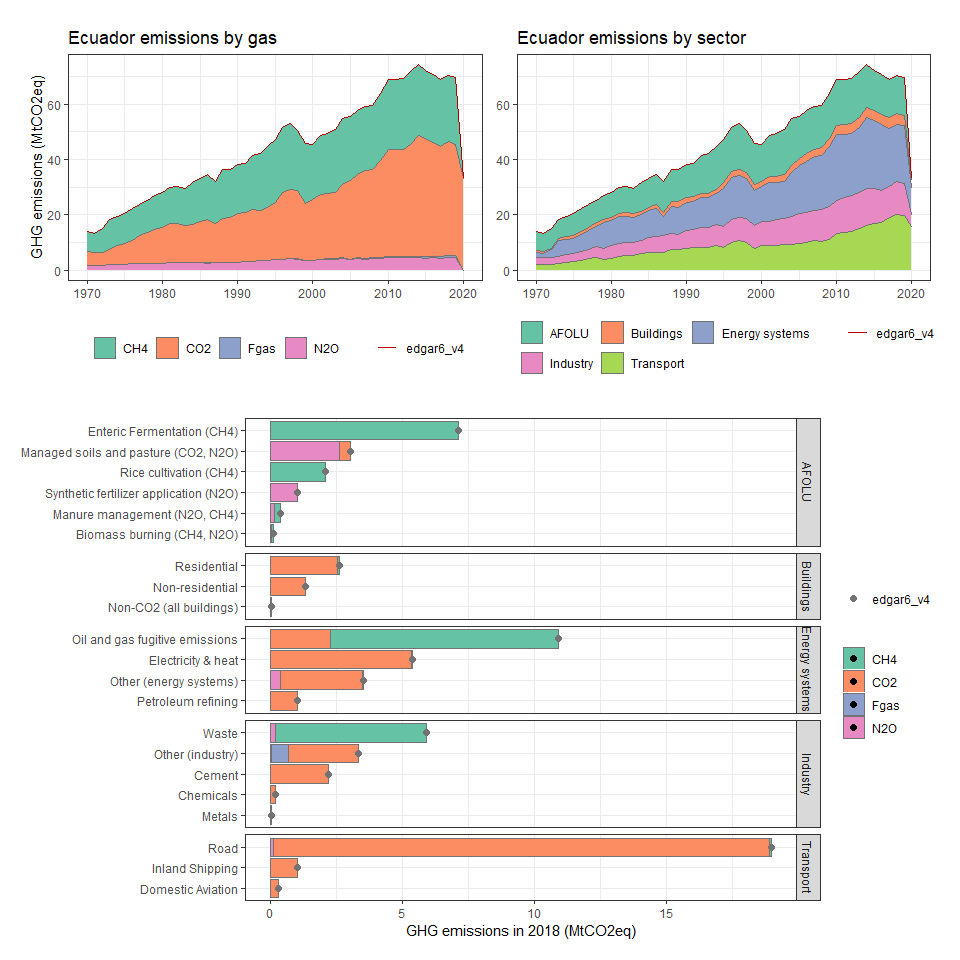
### Norway



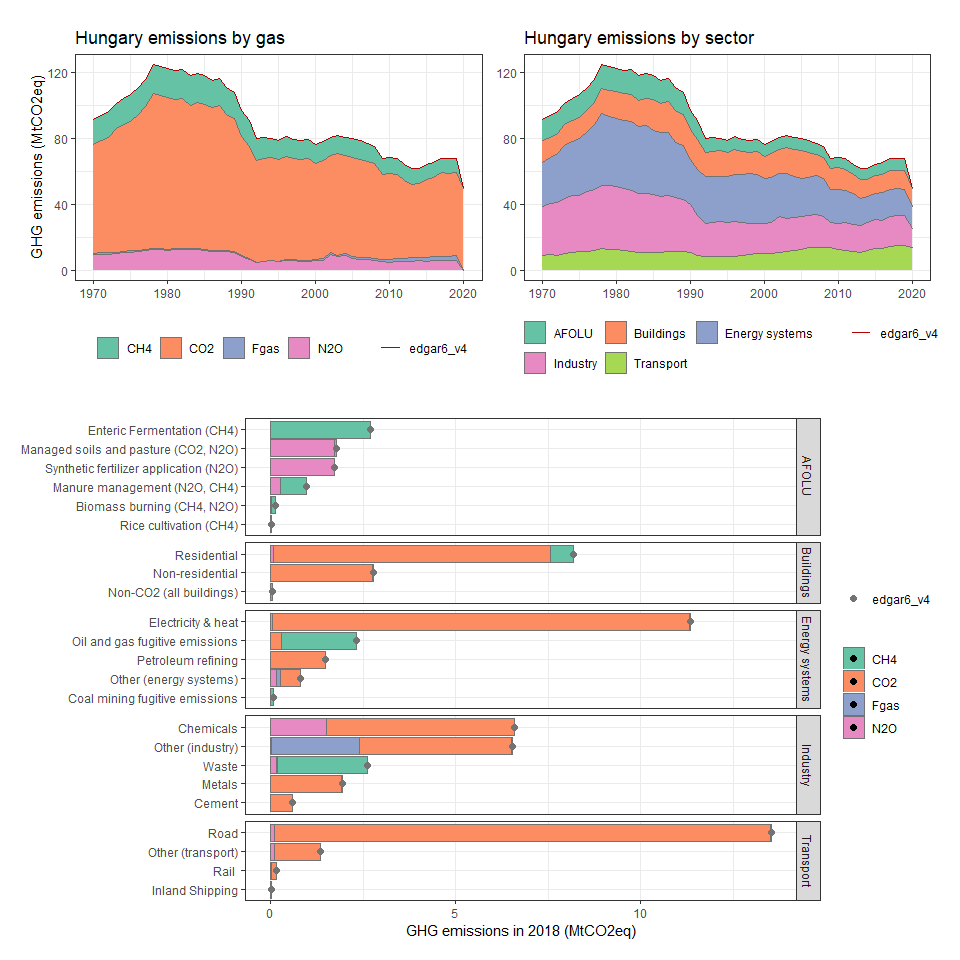
### Singapore



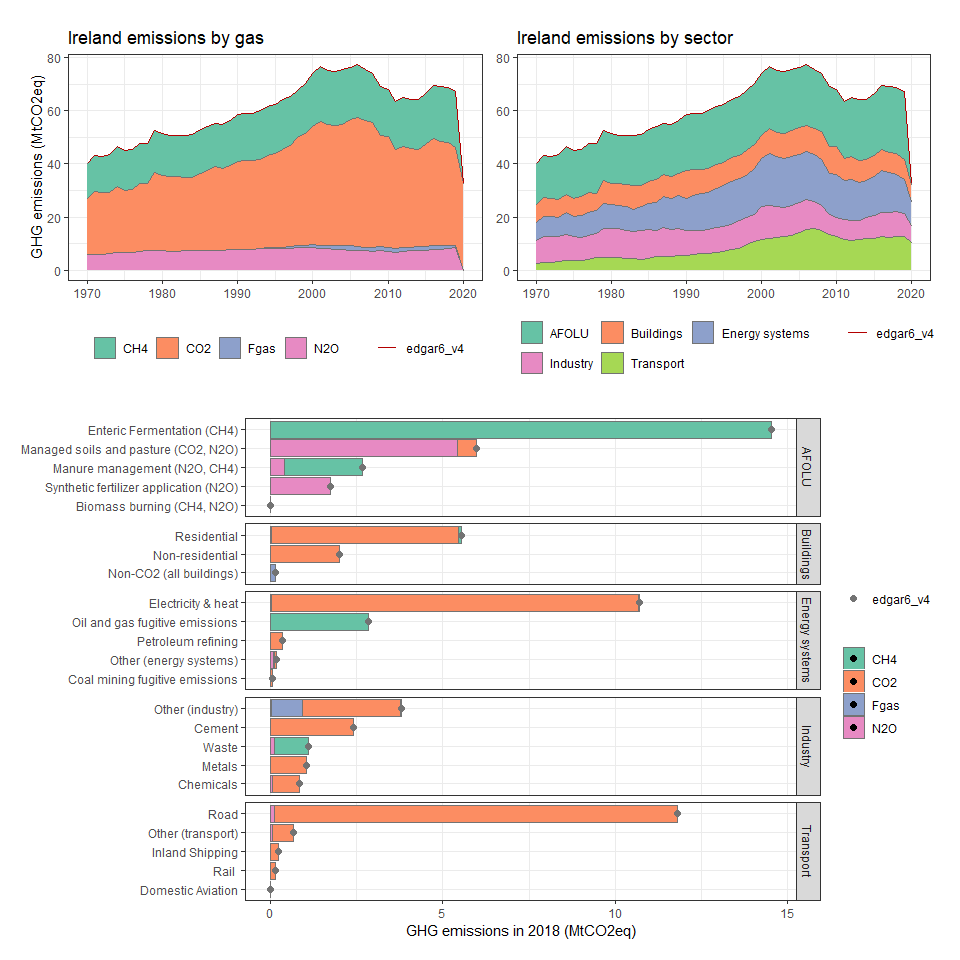
### Ecuador



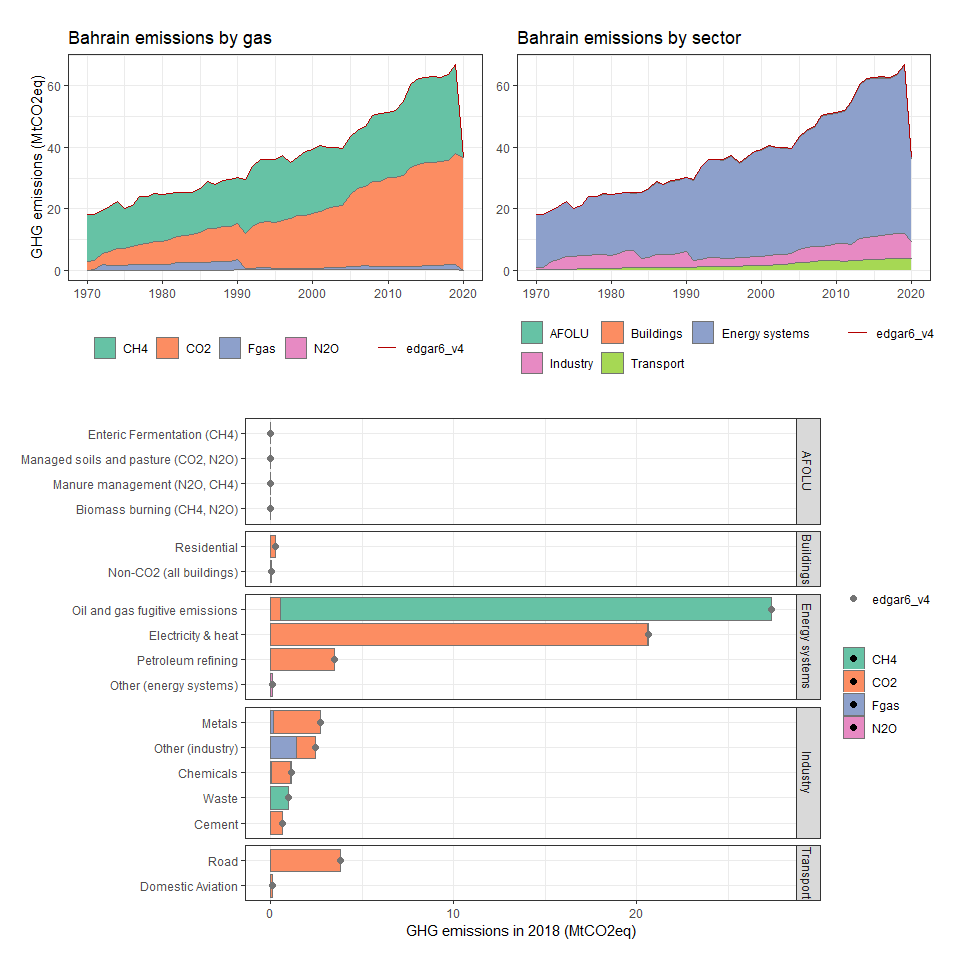
### Hungary



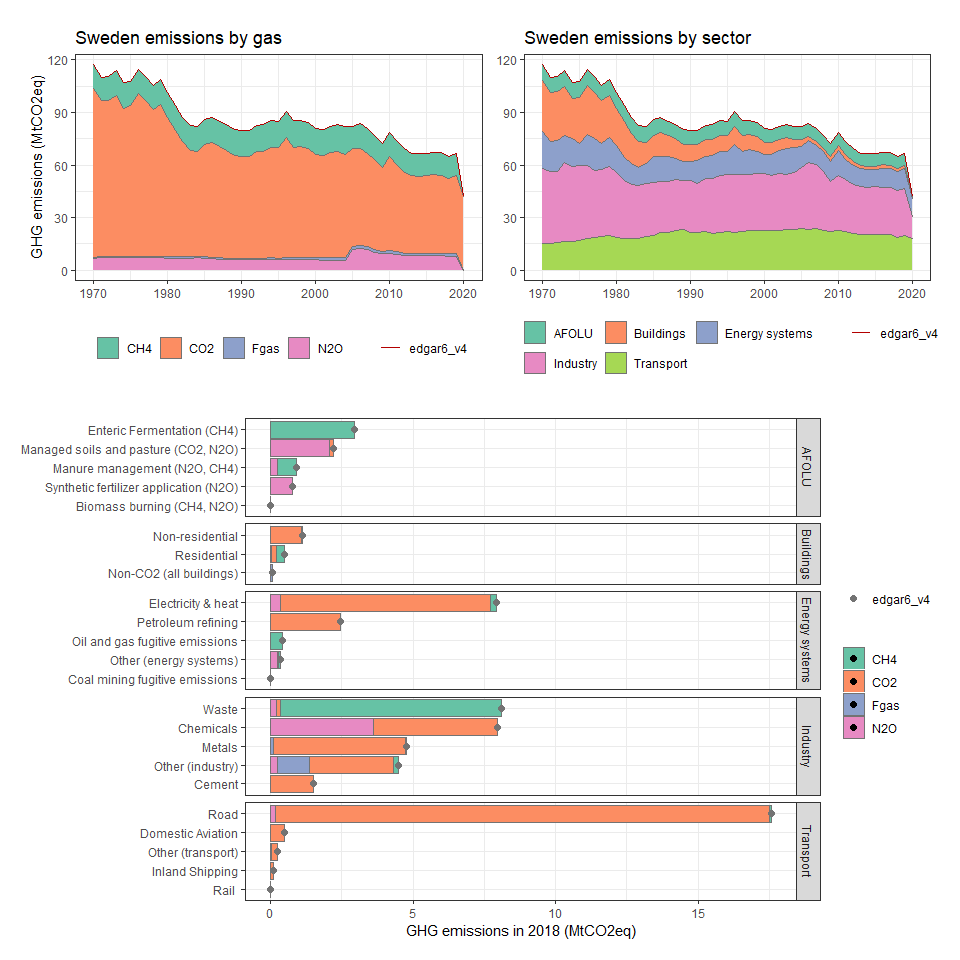
### Ireland



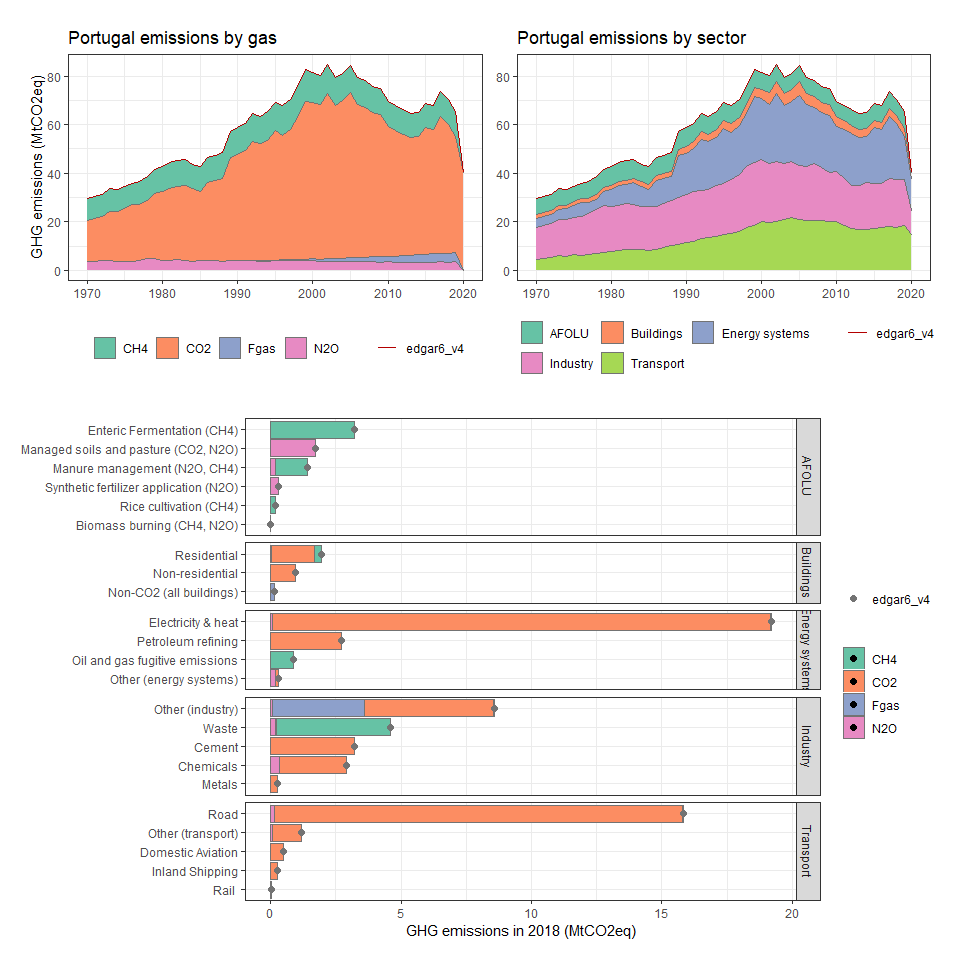
### Bahrain



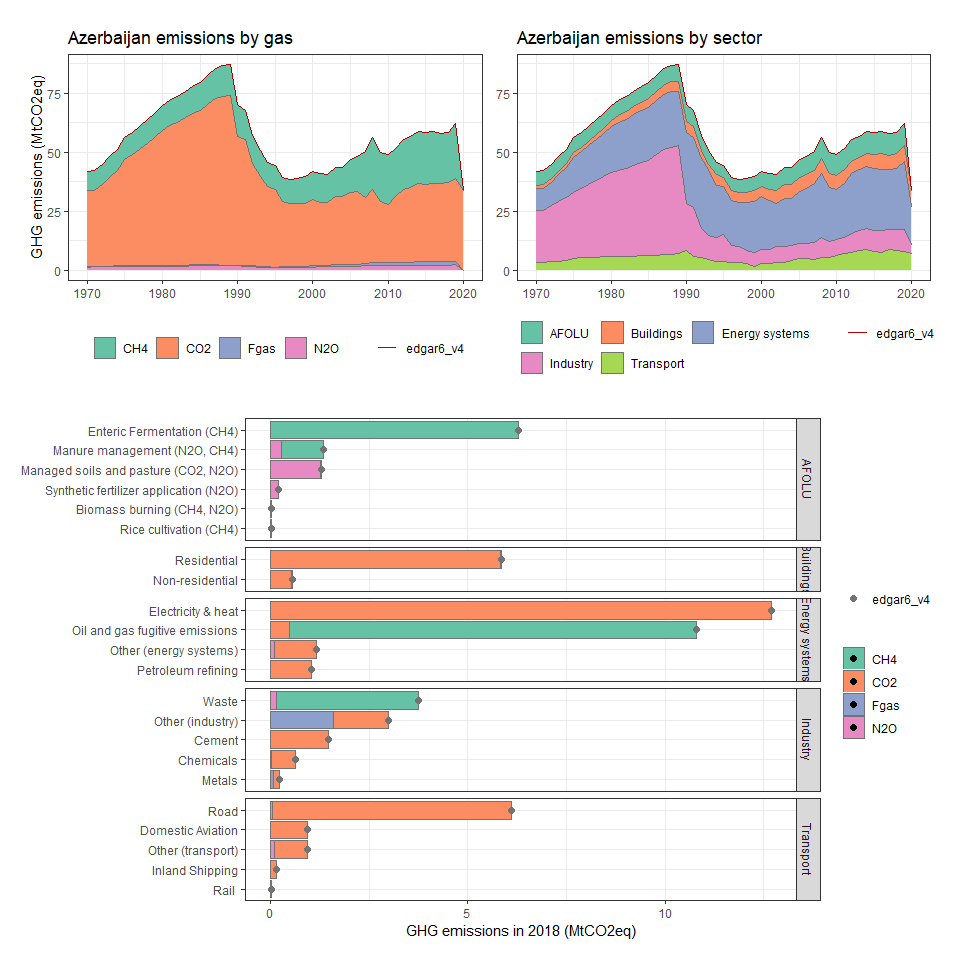
### Sweden



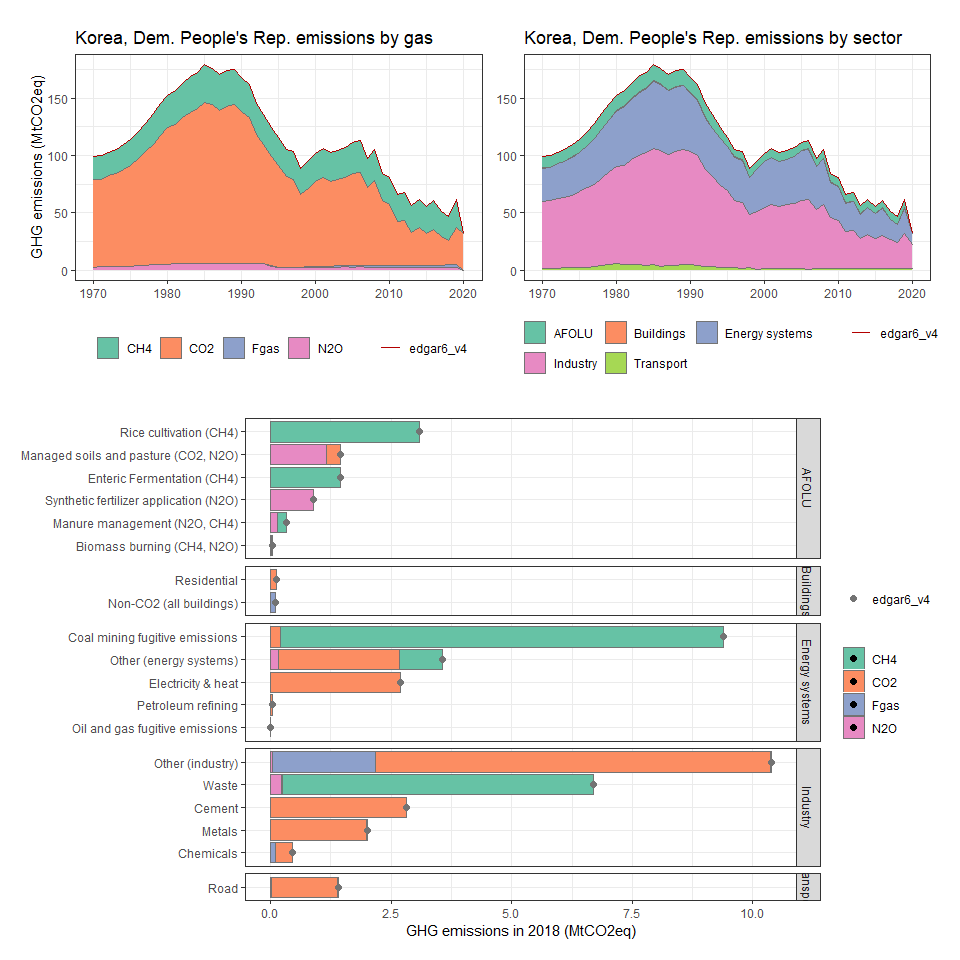
### Portugal



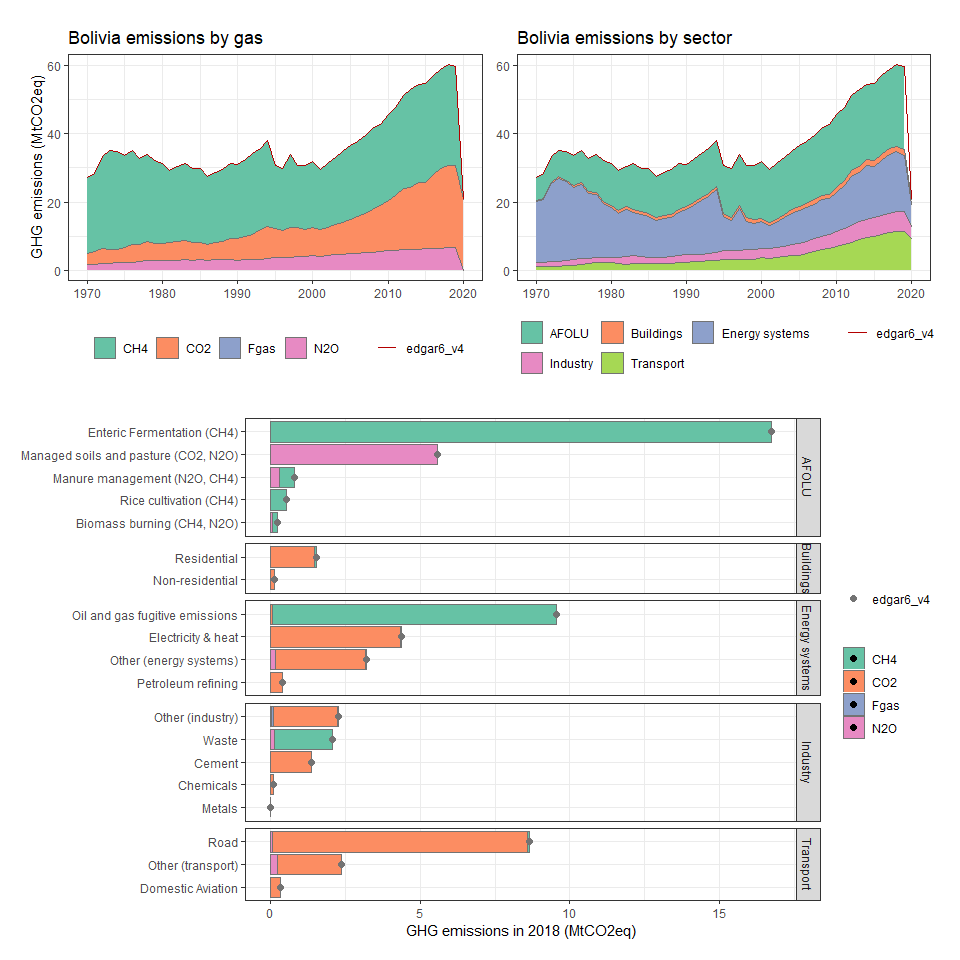
### Azerbaijan



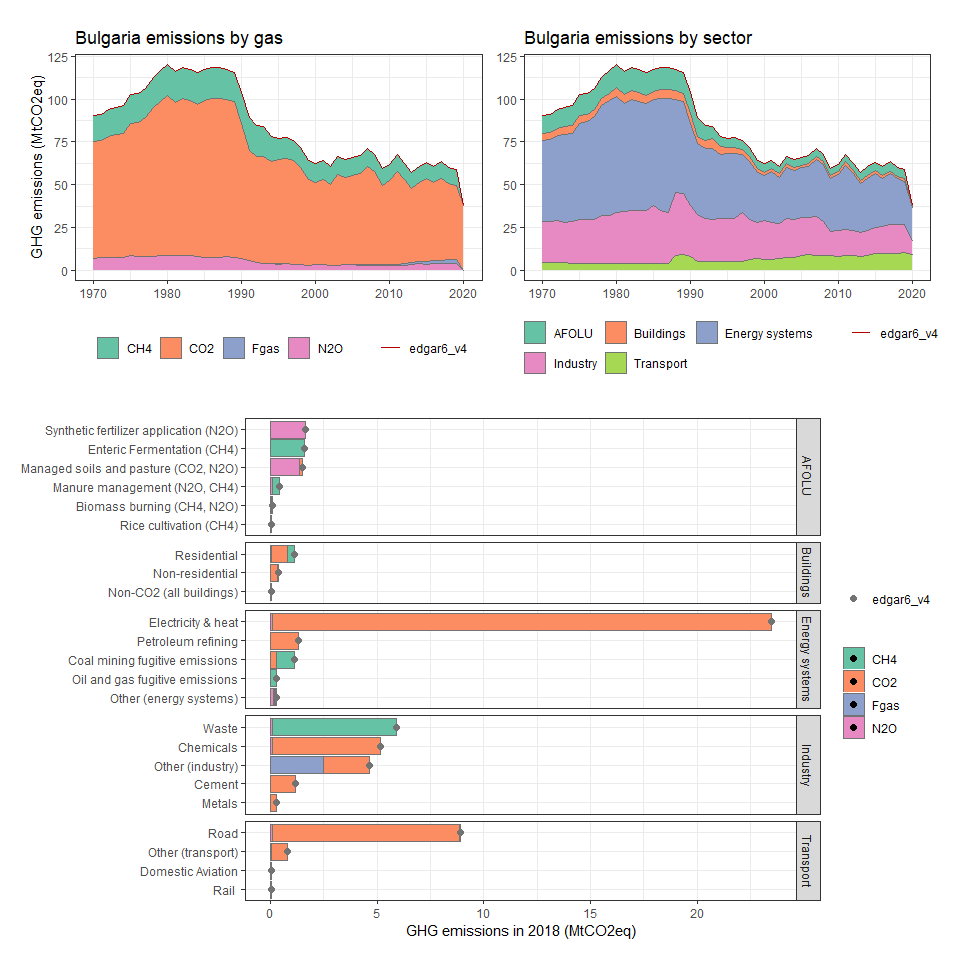
### Korea, Dem. People’s Rep.



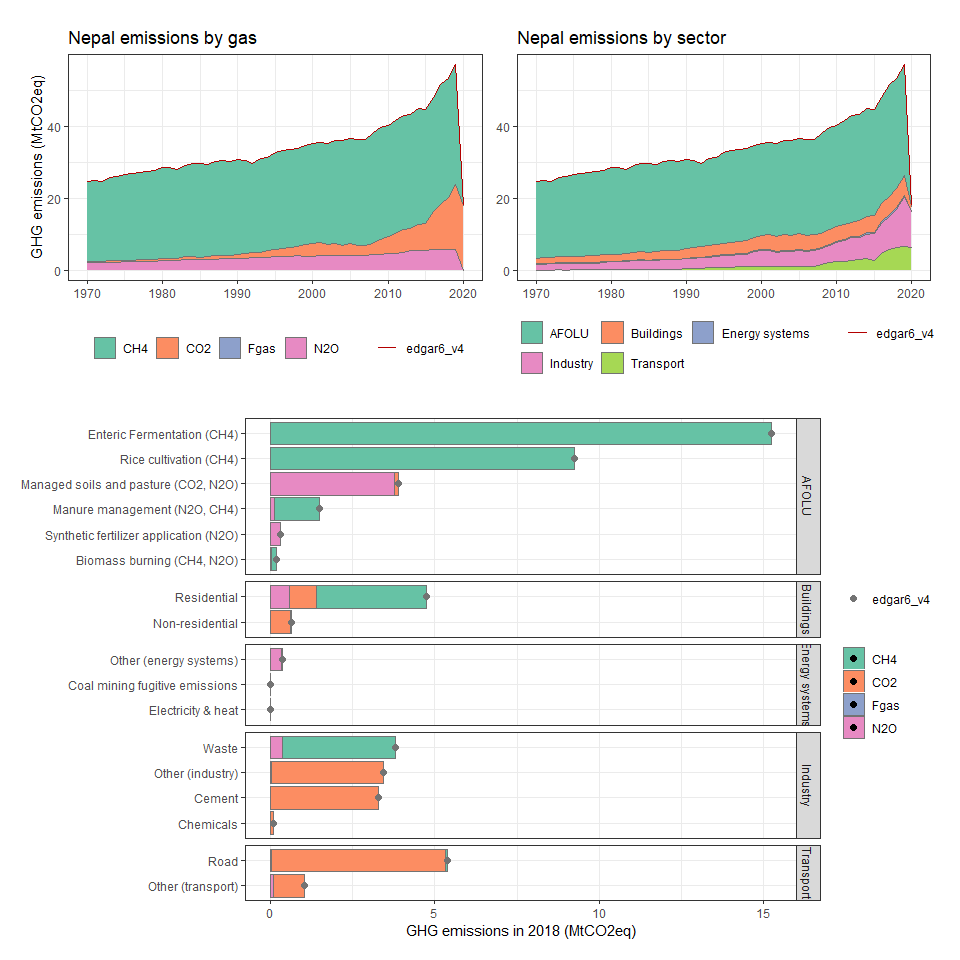
### Bolivia



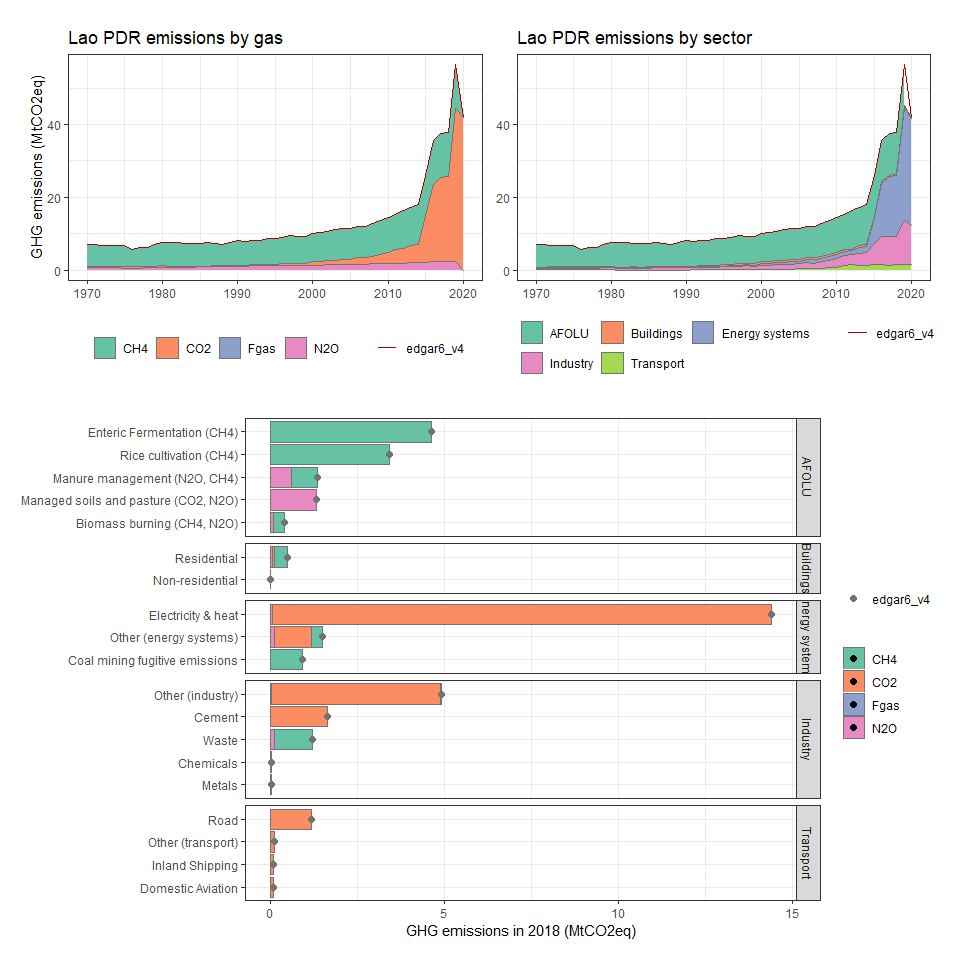
### Bulgaria



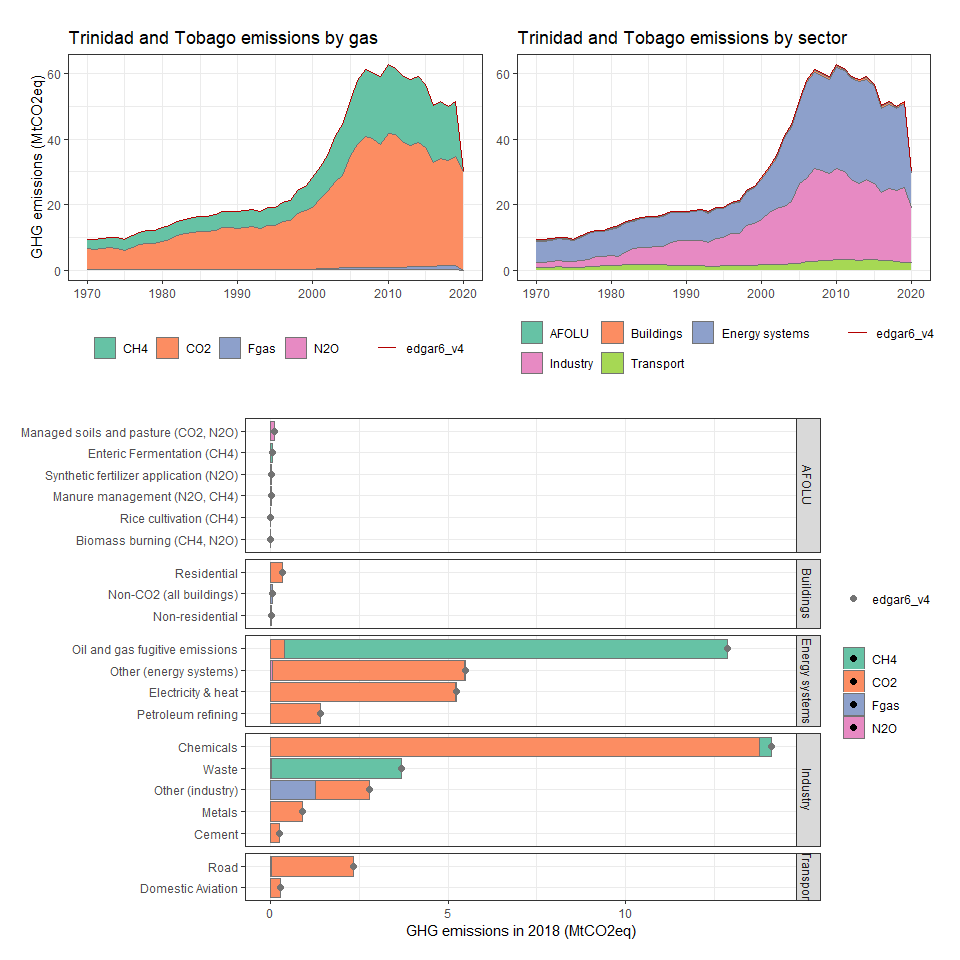
### Nepal



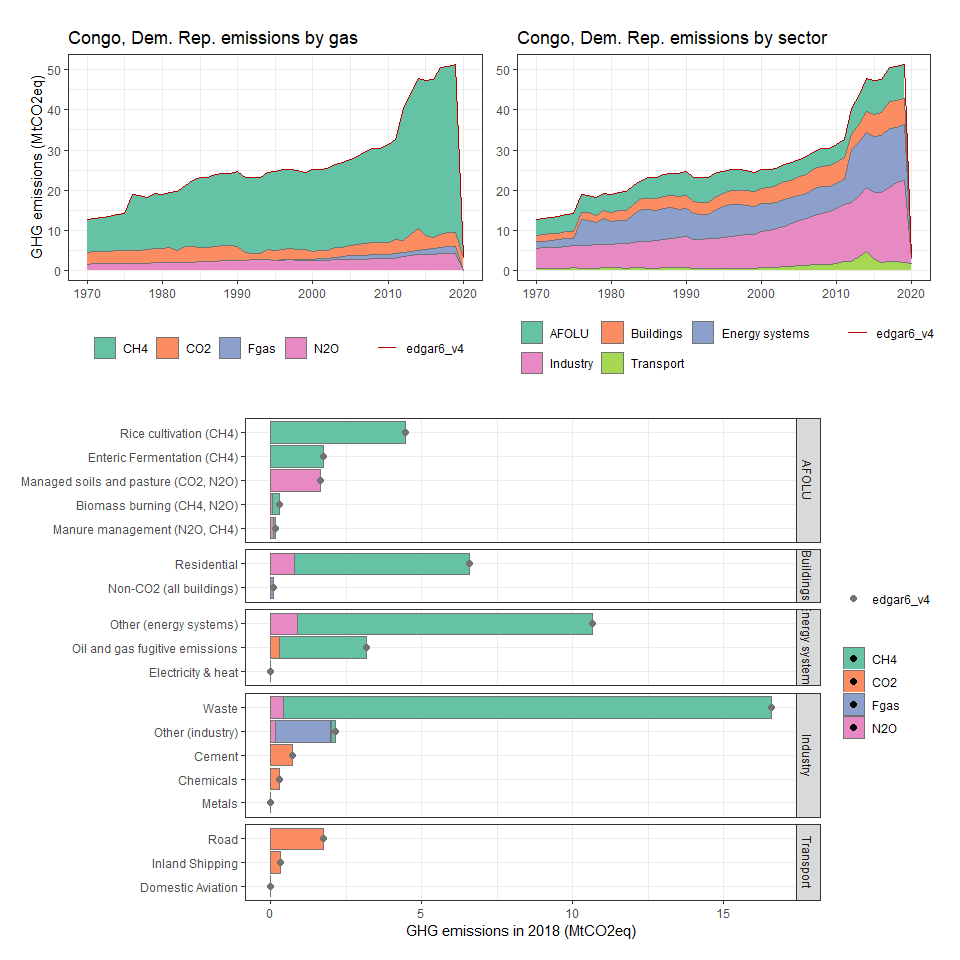
### Lao PDR



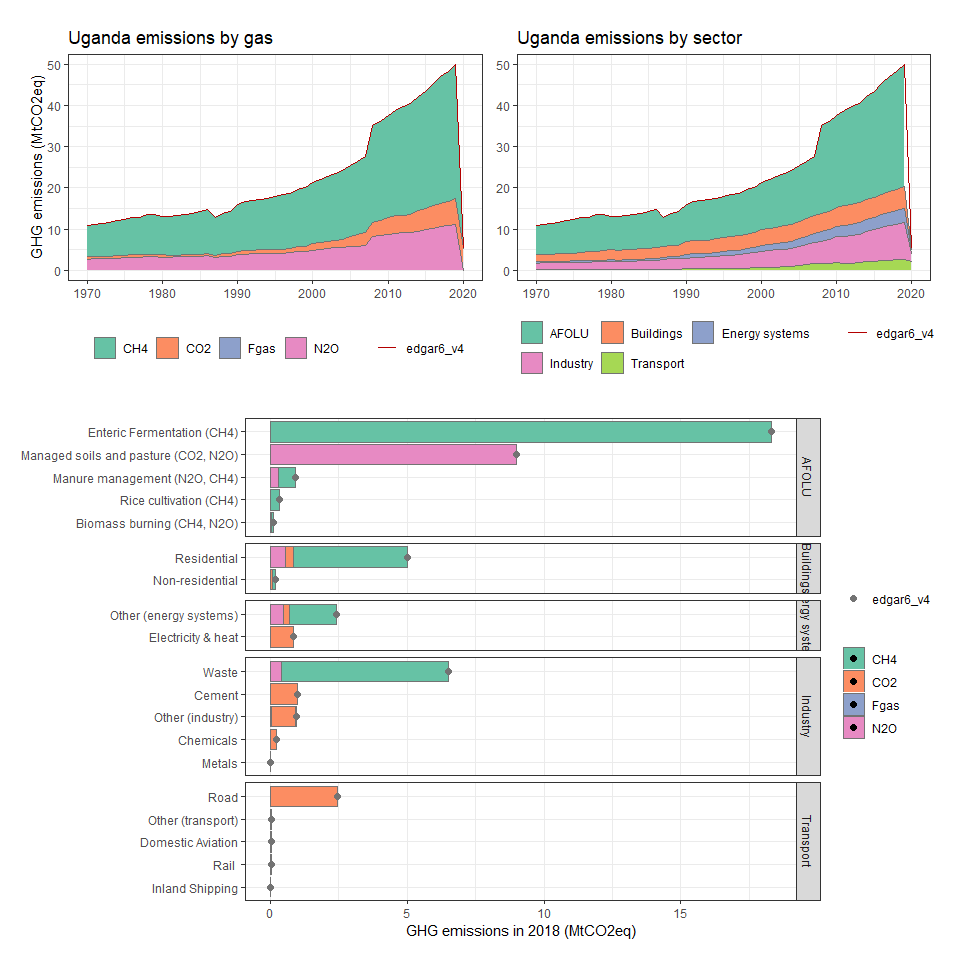
### Trinidad and Tobago



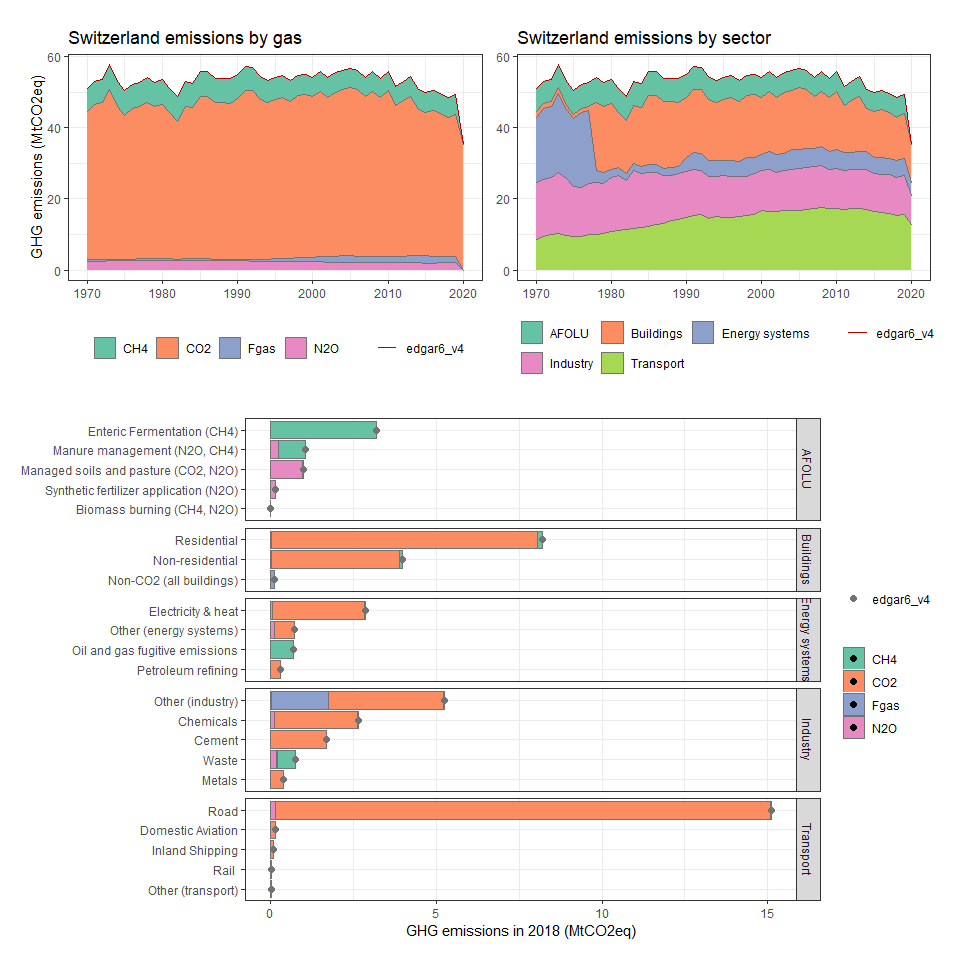
### Congo, Dem. Rep.



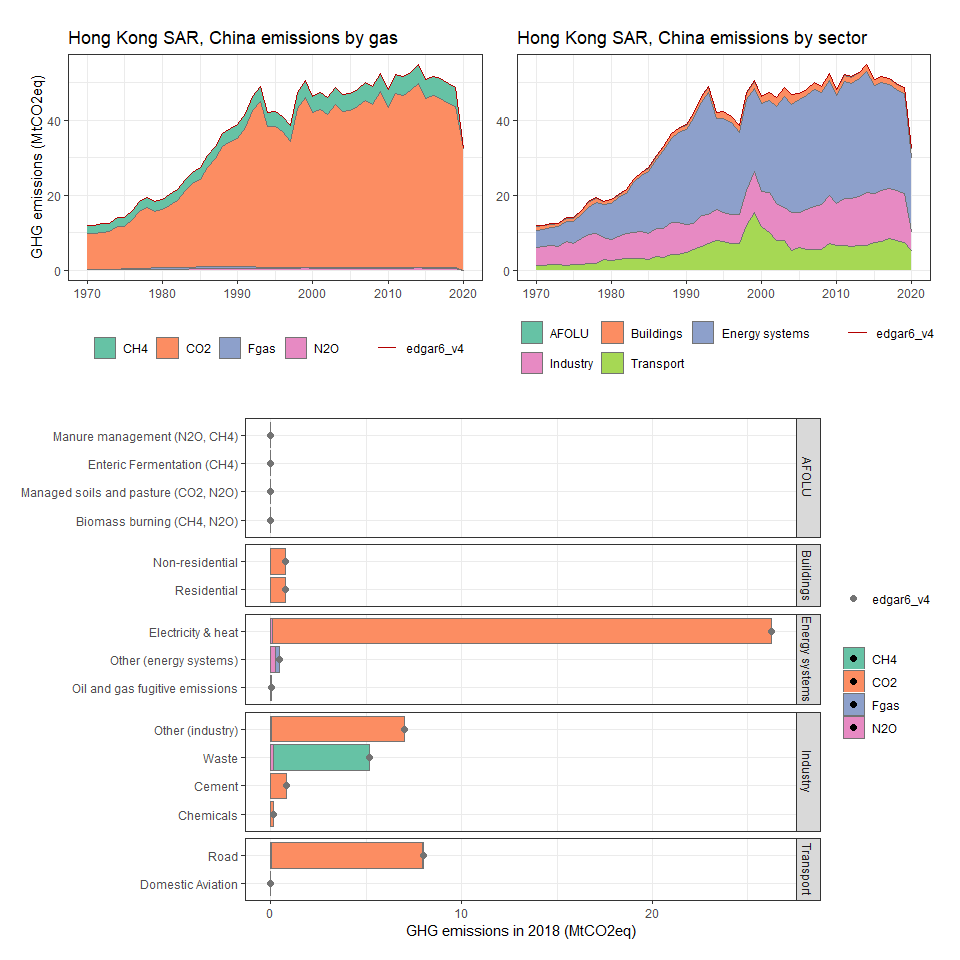
### Uganda



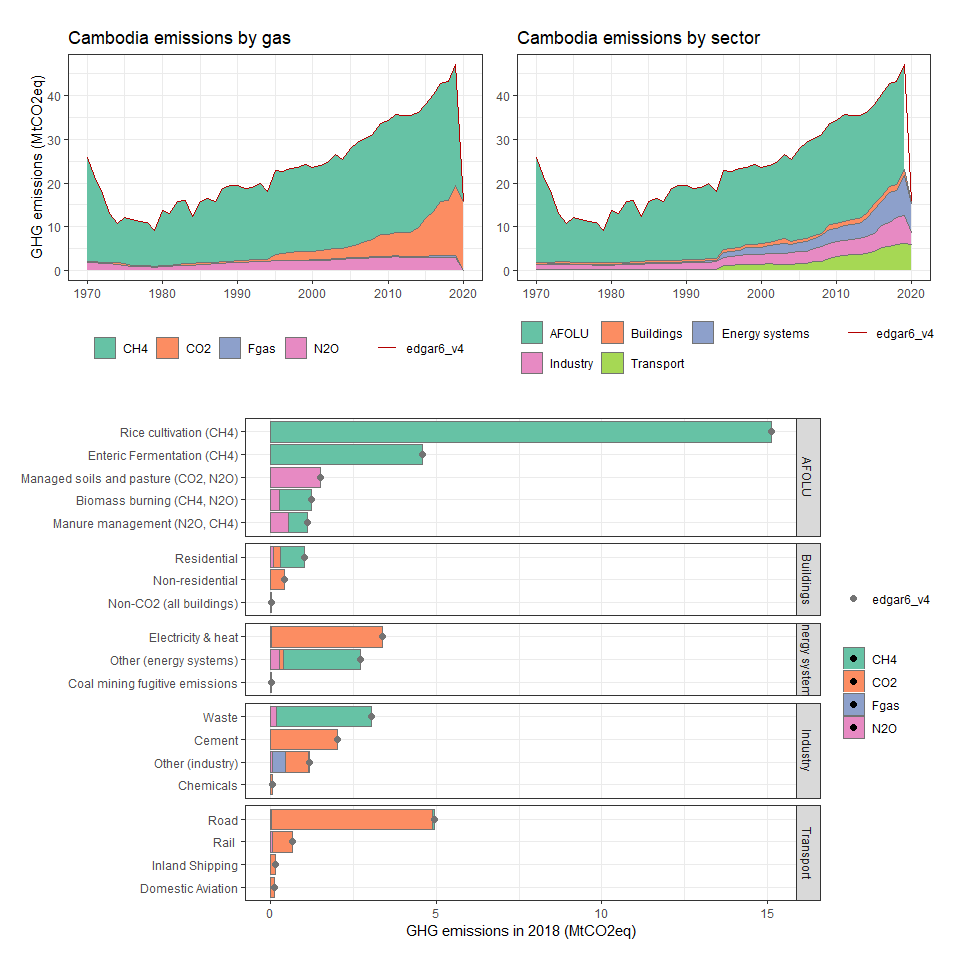
### Switzerland



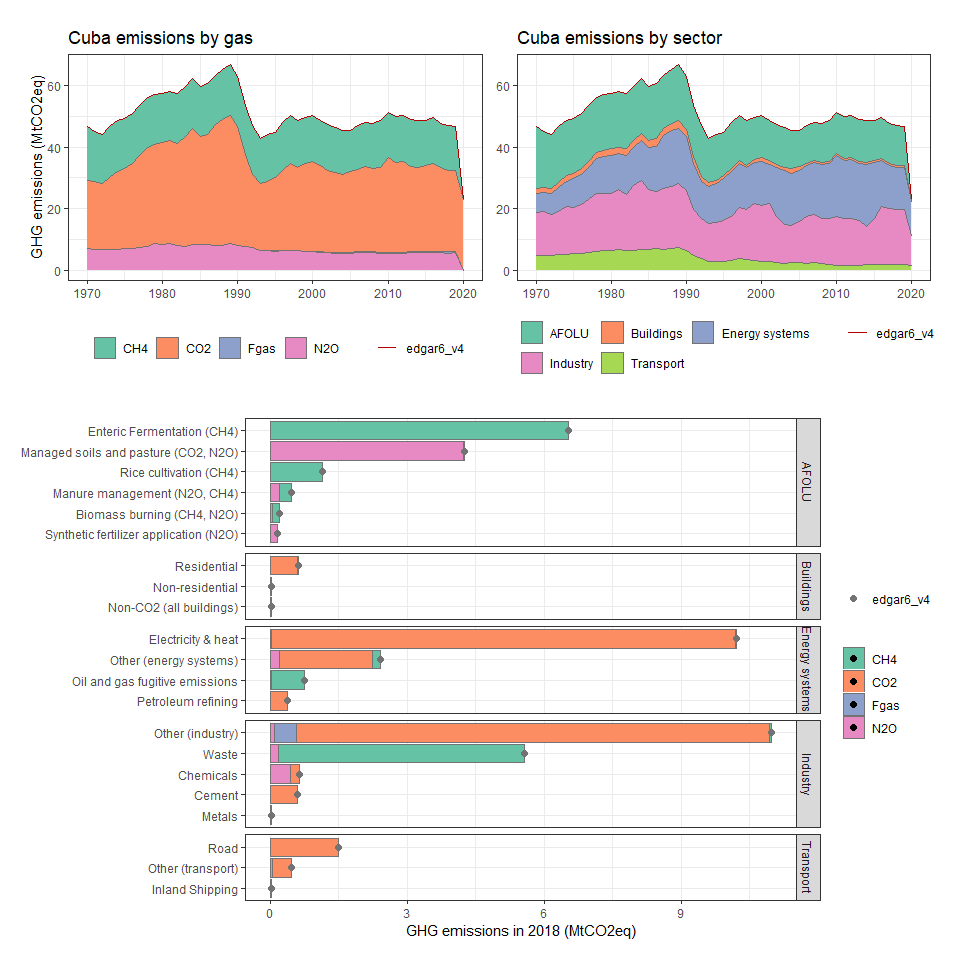
### Hong Kong SAR, China



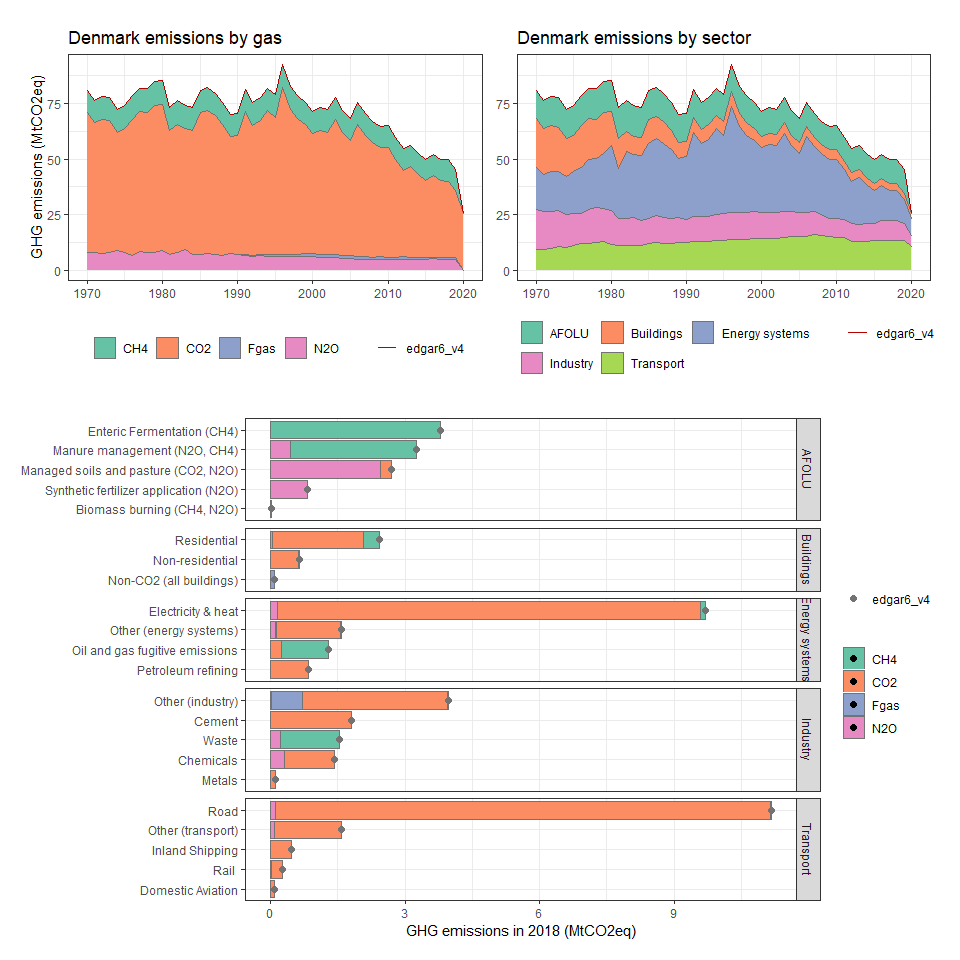
### Cambodia



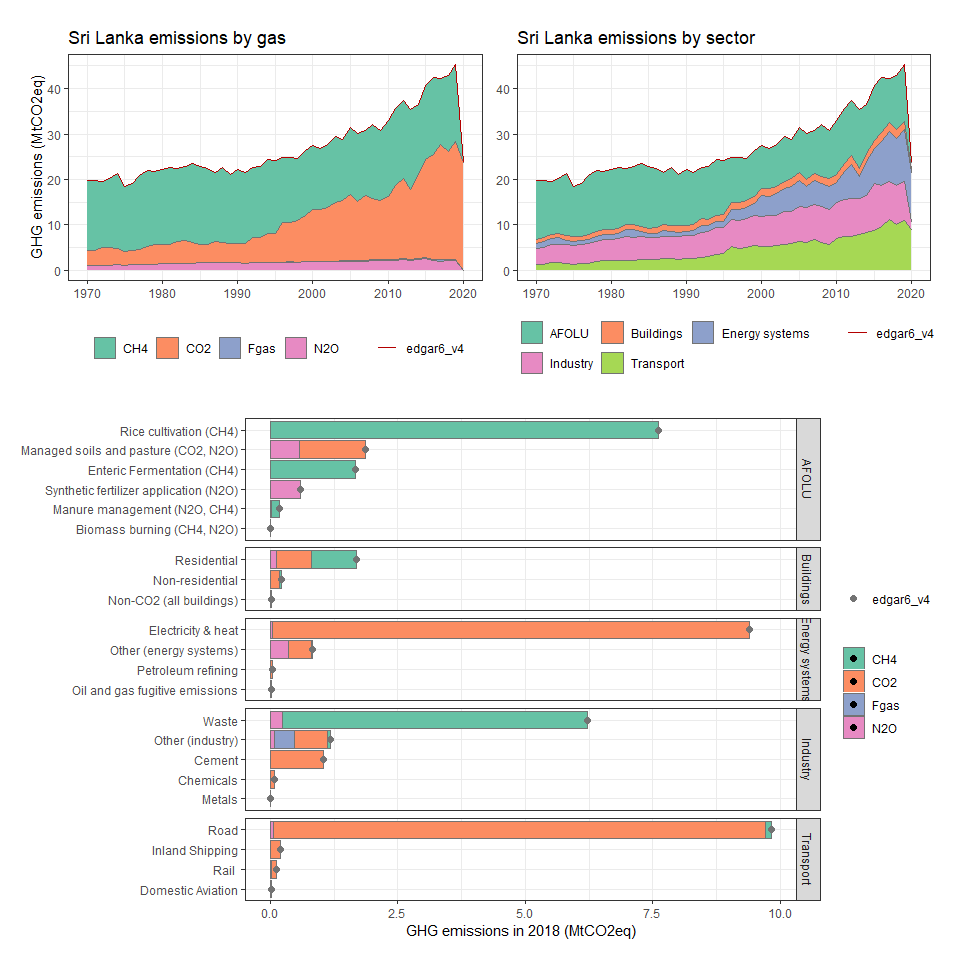
### Cuba



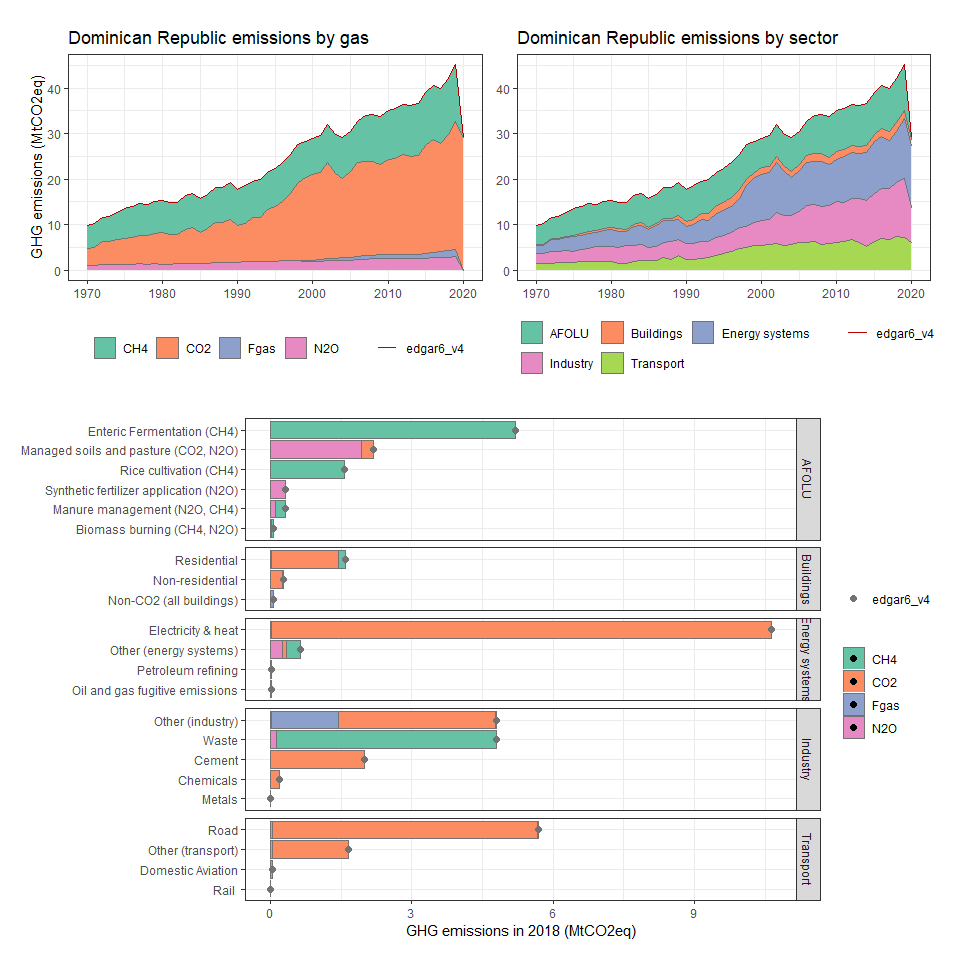
### Denmark



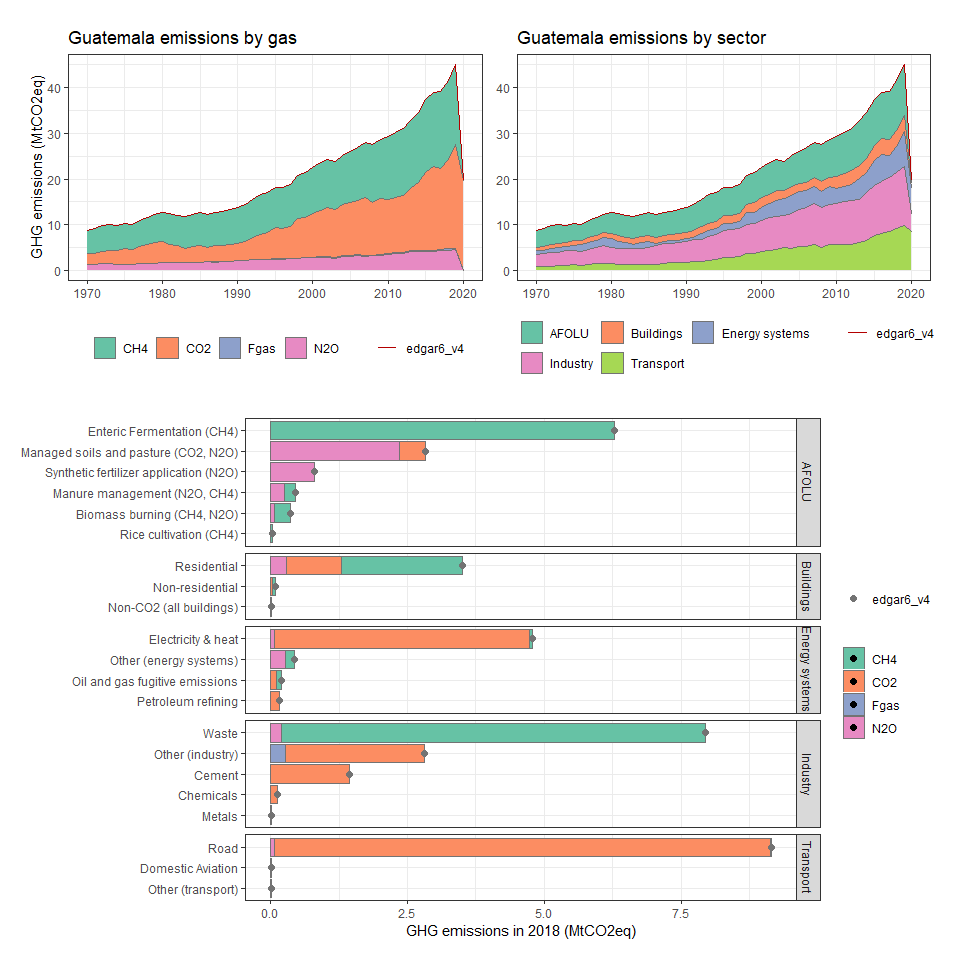
### Sri Lanka



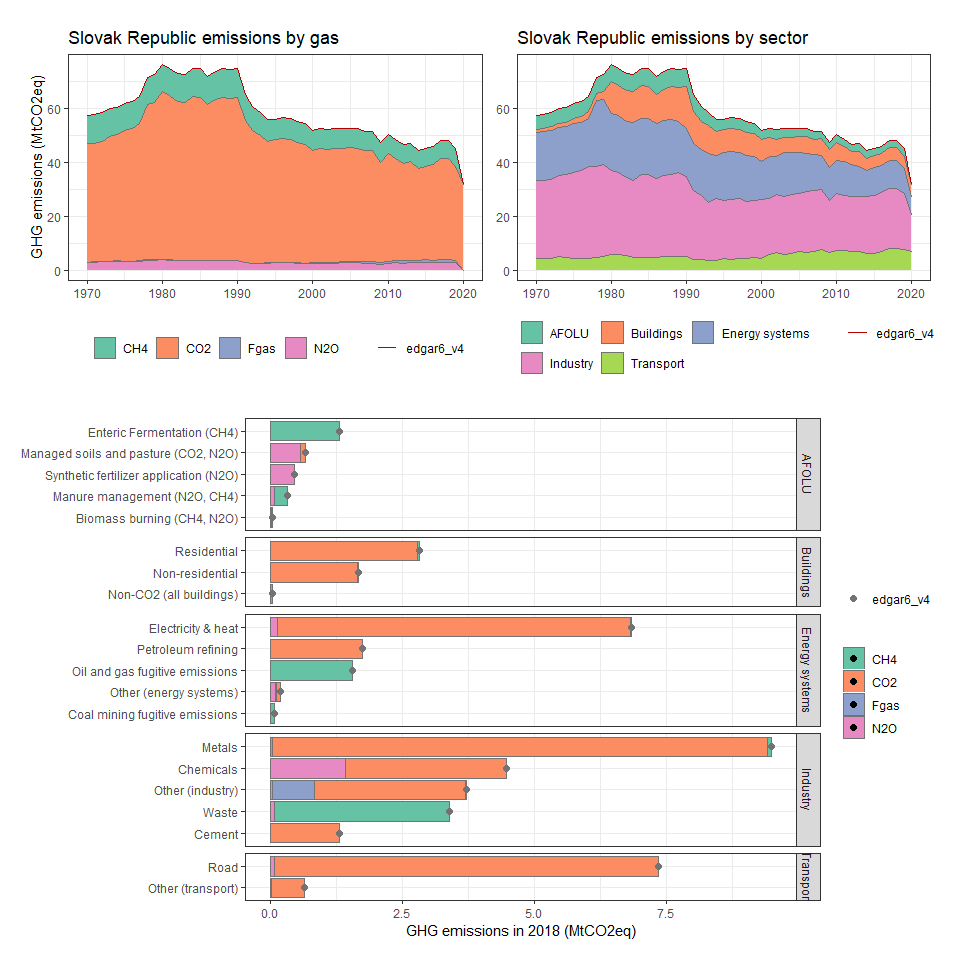
### Dominican Republic



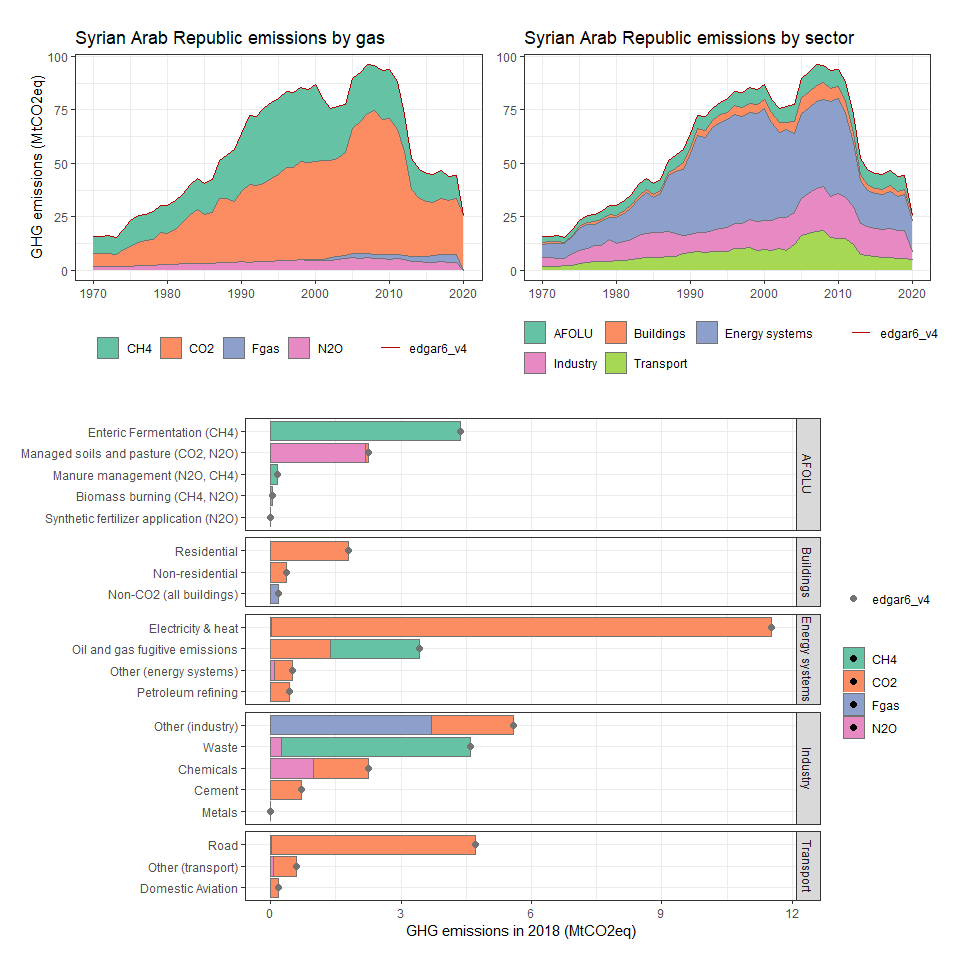
### Guatemala



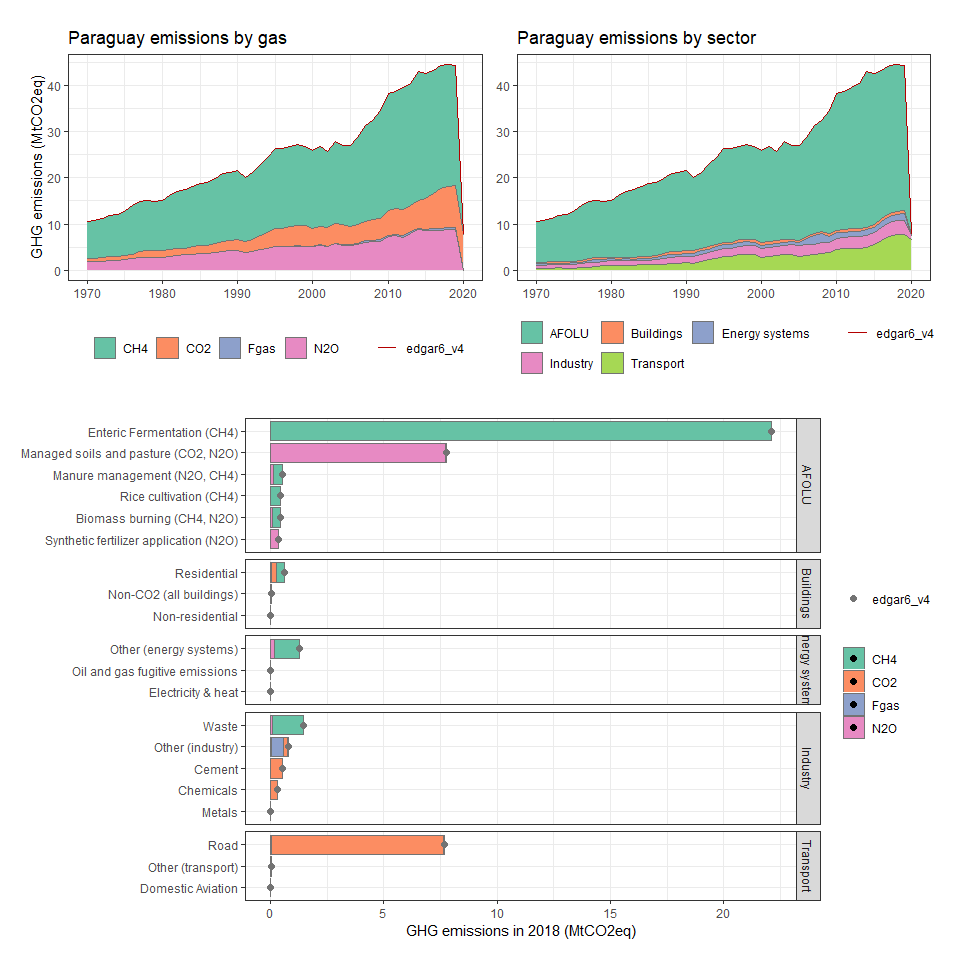
### Slovak Republic



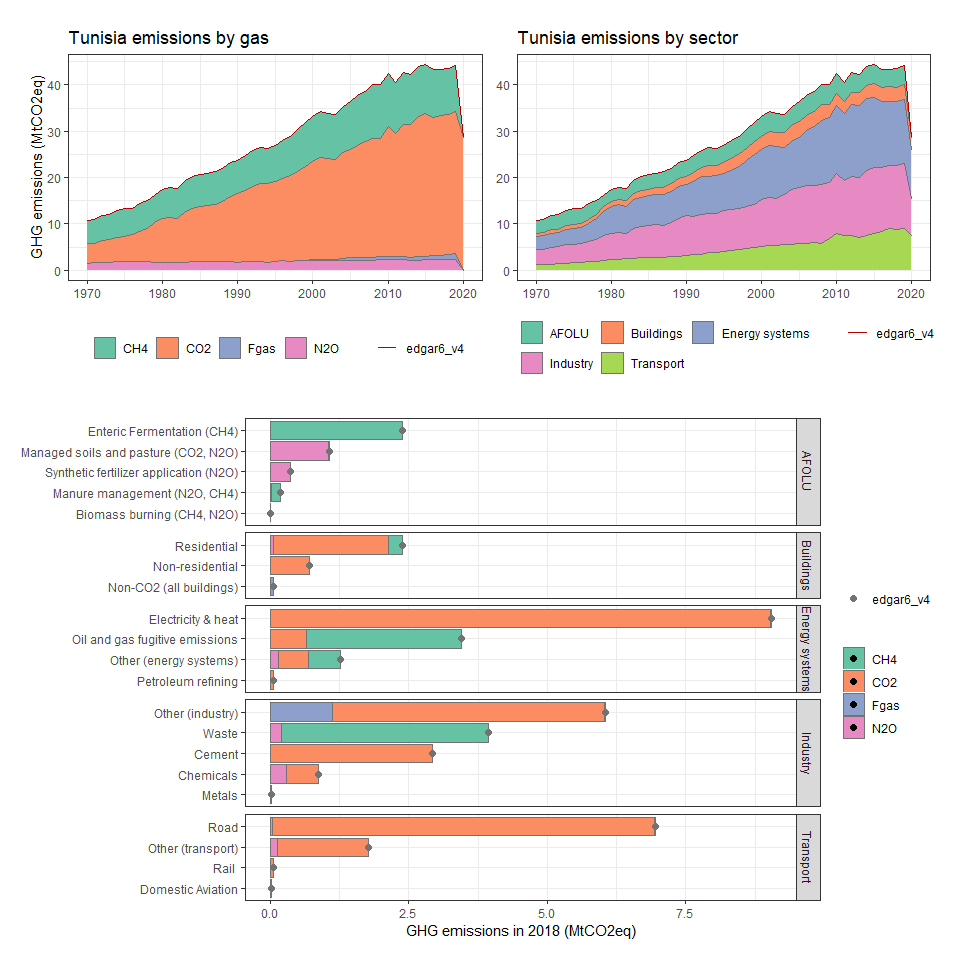
### Syrian Arab Republic



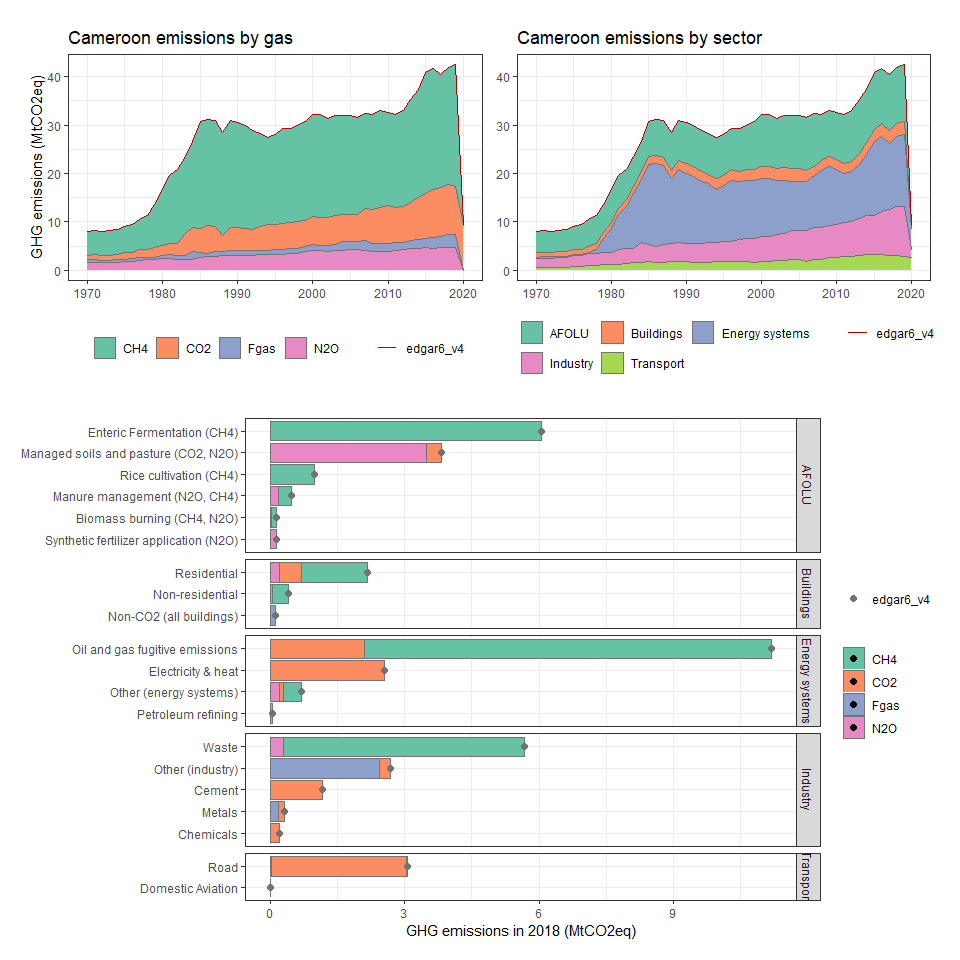
### Paraguay



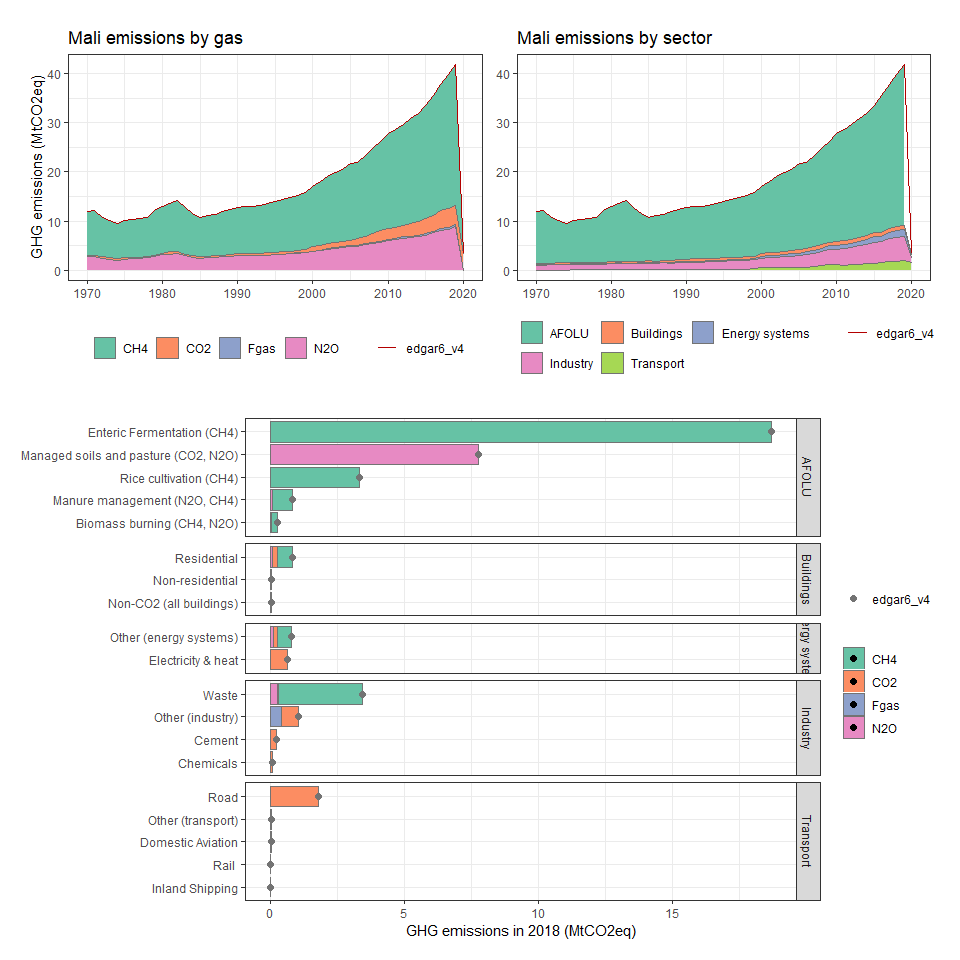
### Tunisia



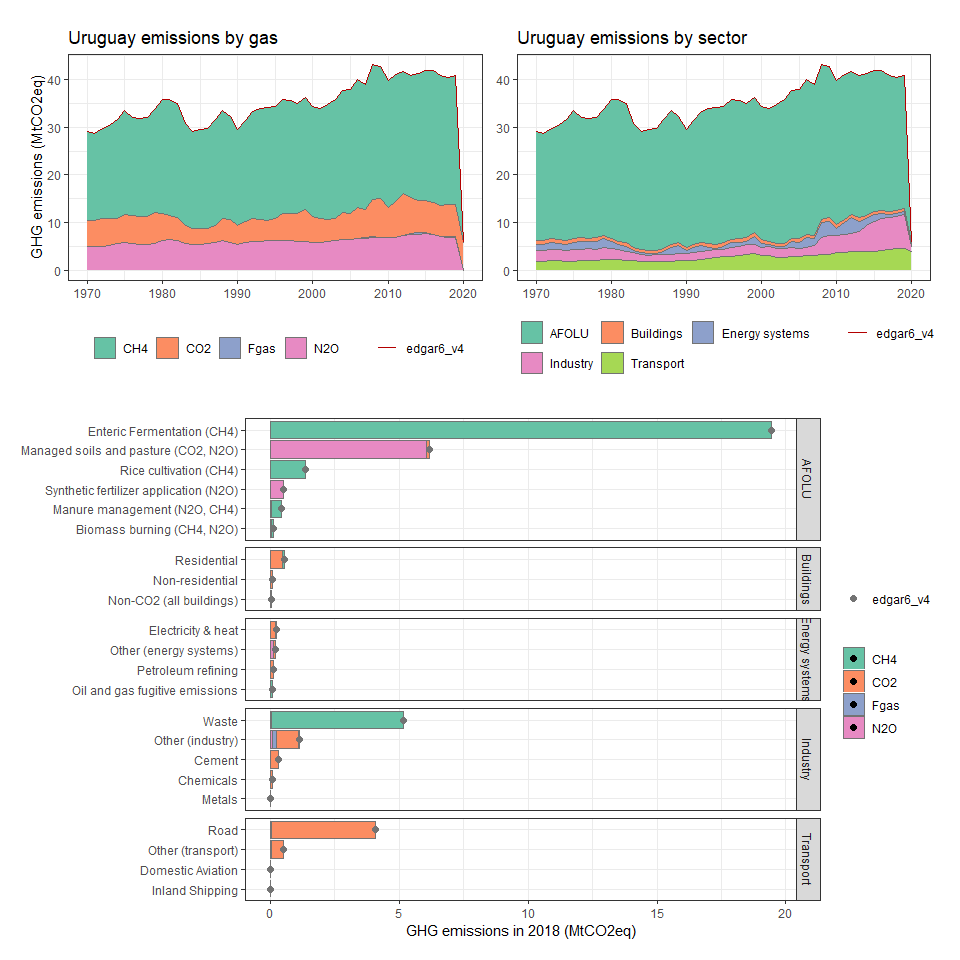
### Cameroon



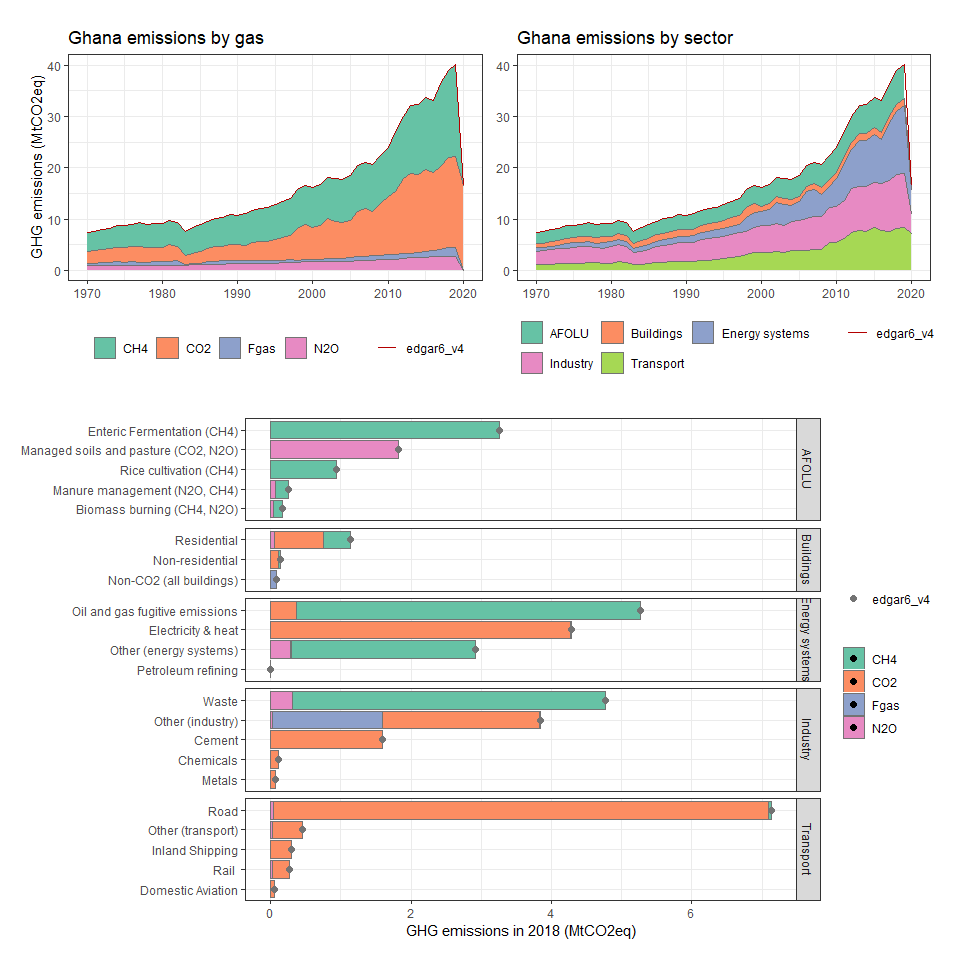
### Mali



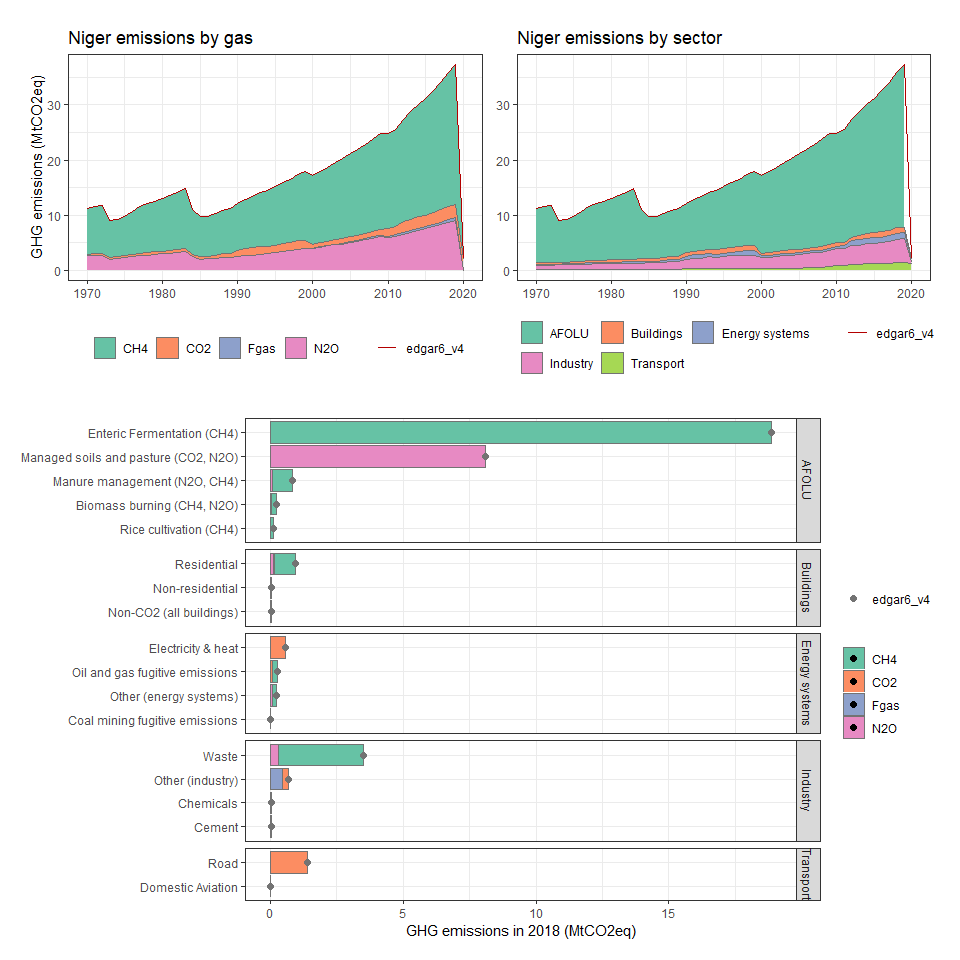
### Uruguay



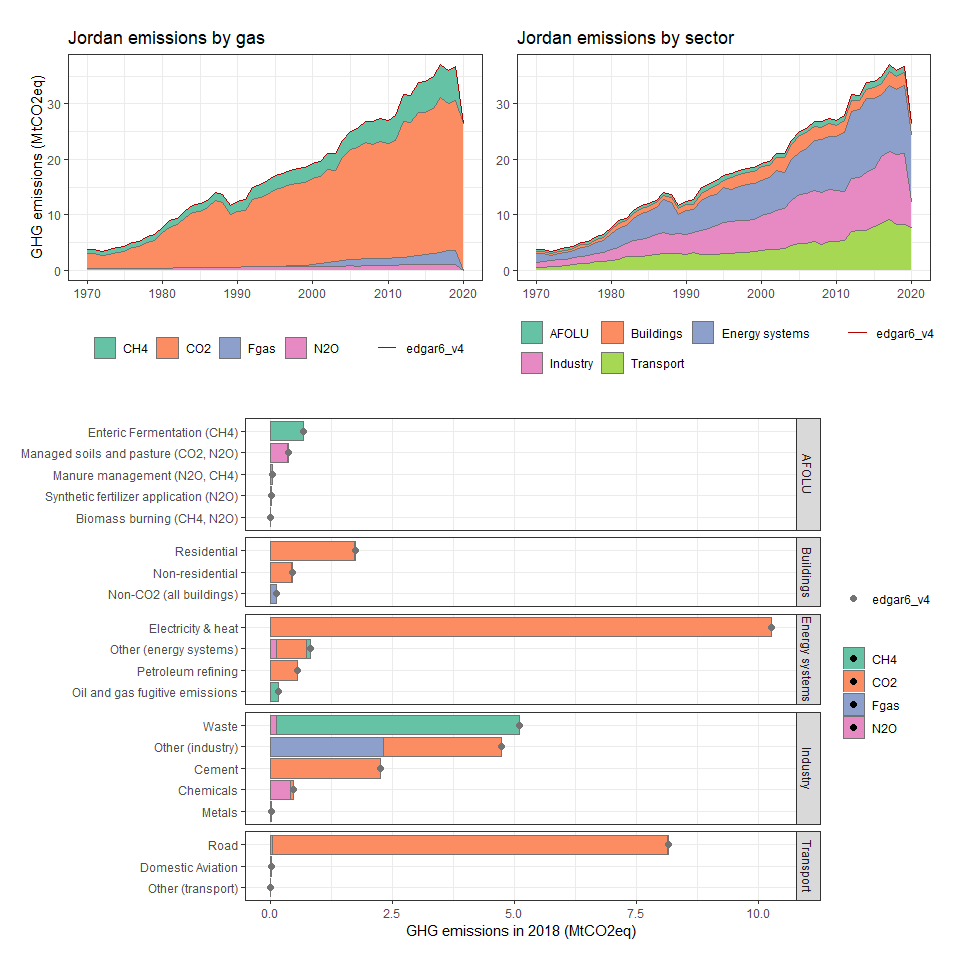
### Ghana



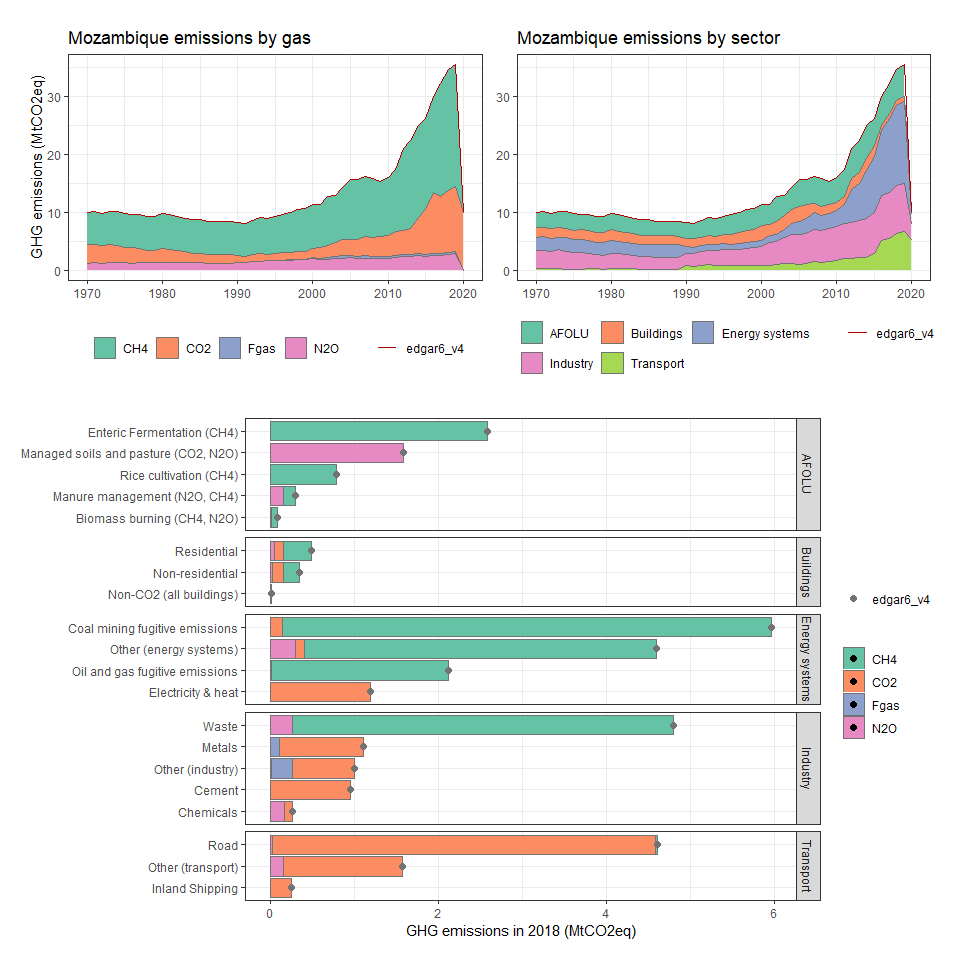
### Niger



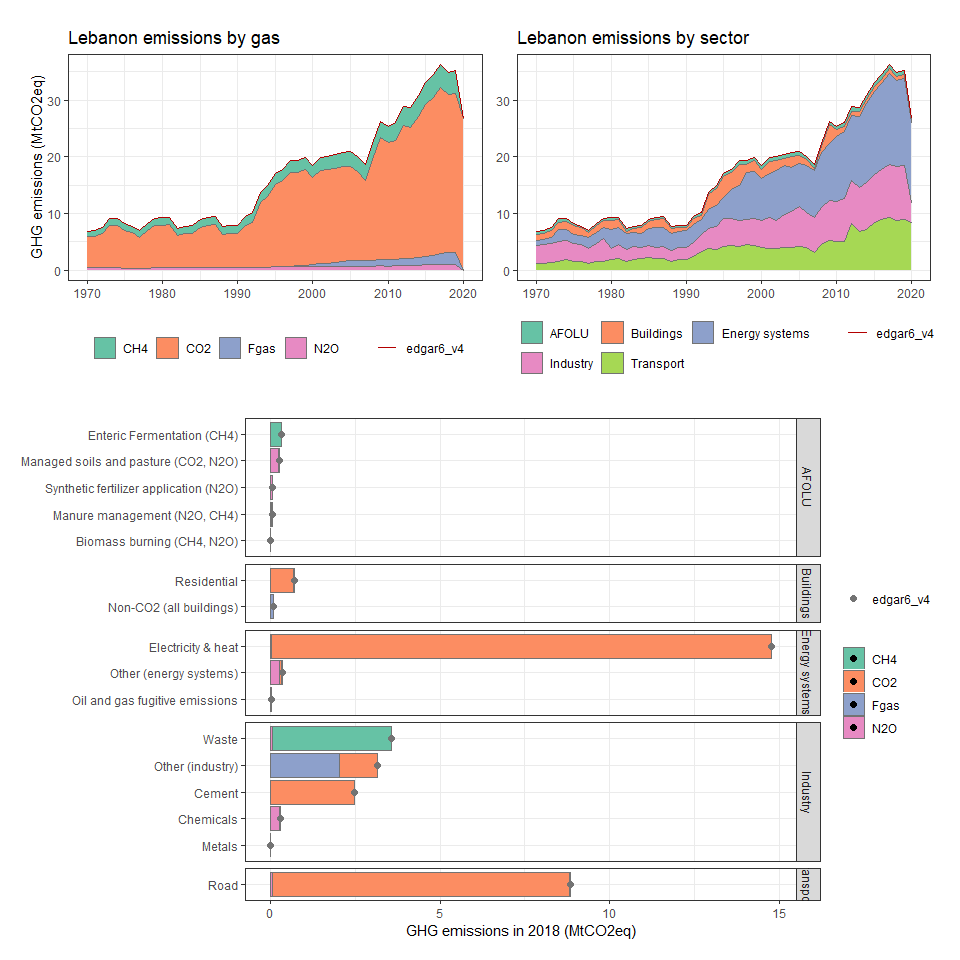
### Jordan



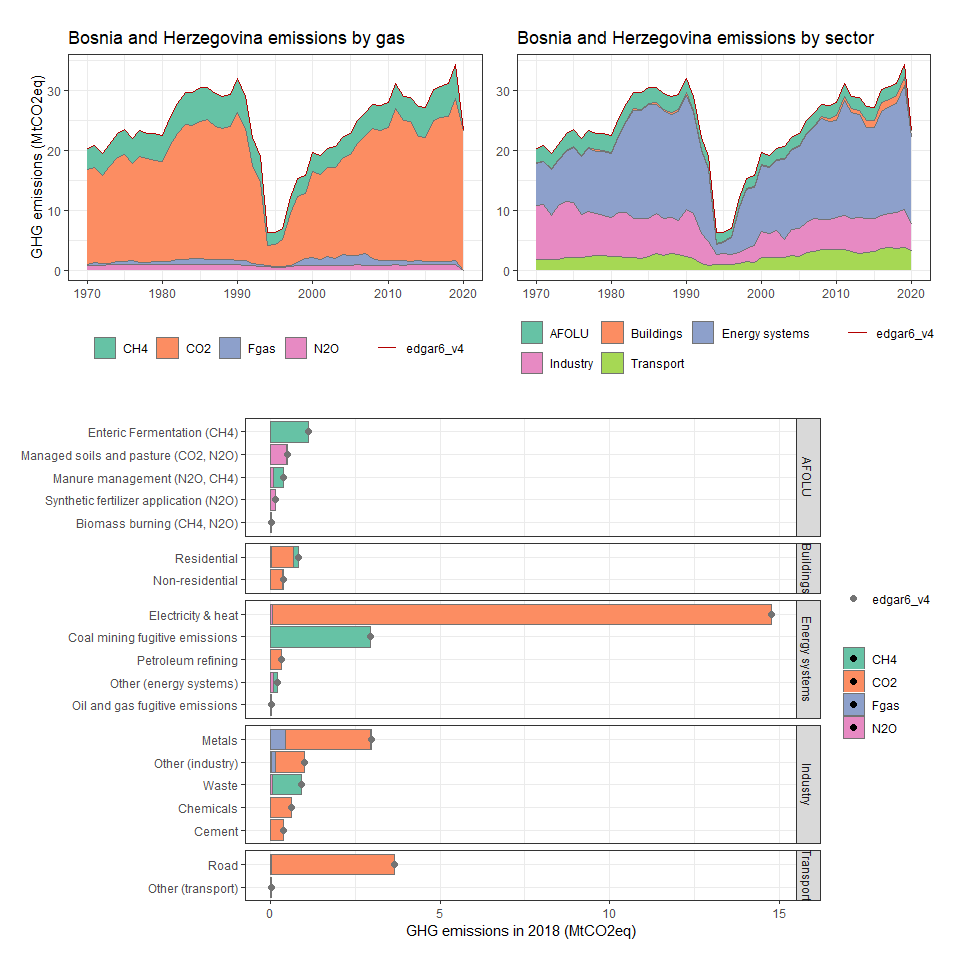
### Mozambique



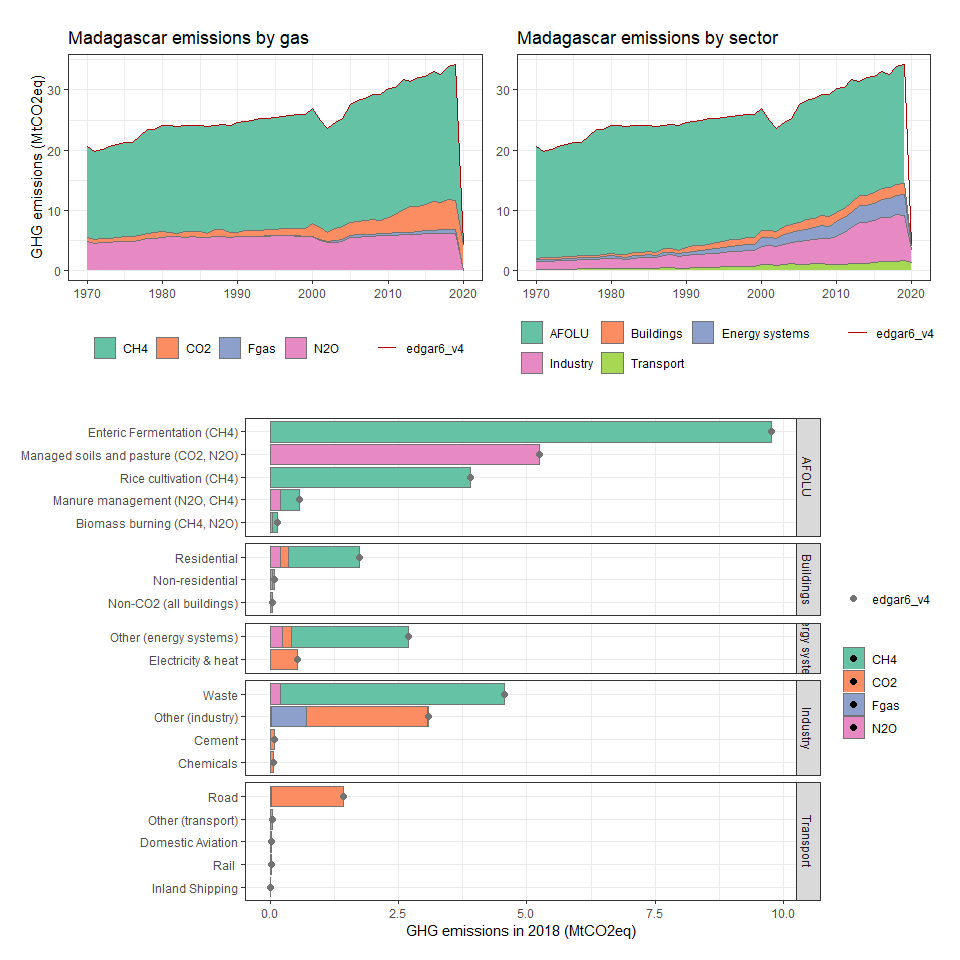
### Lebanon



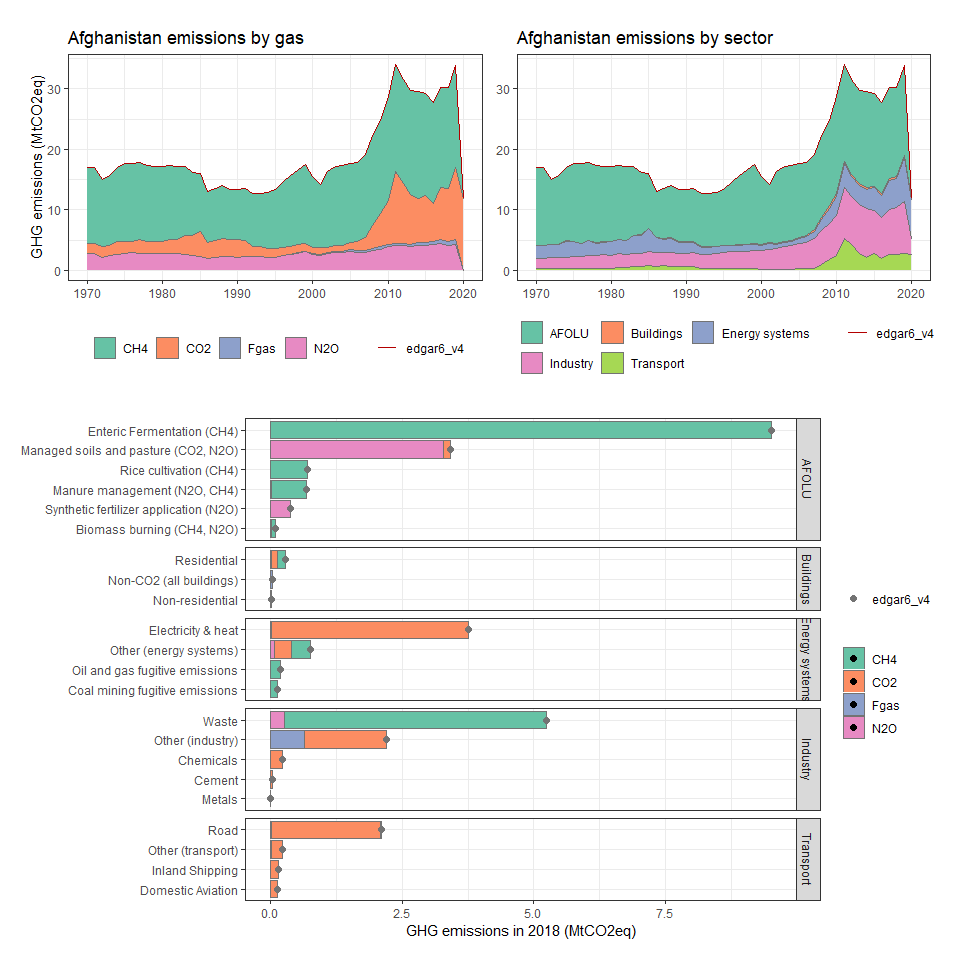
### Bosnia and Herzegovina



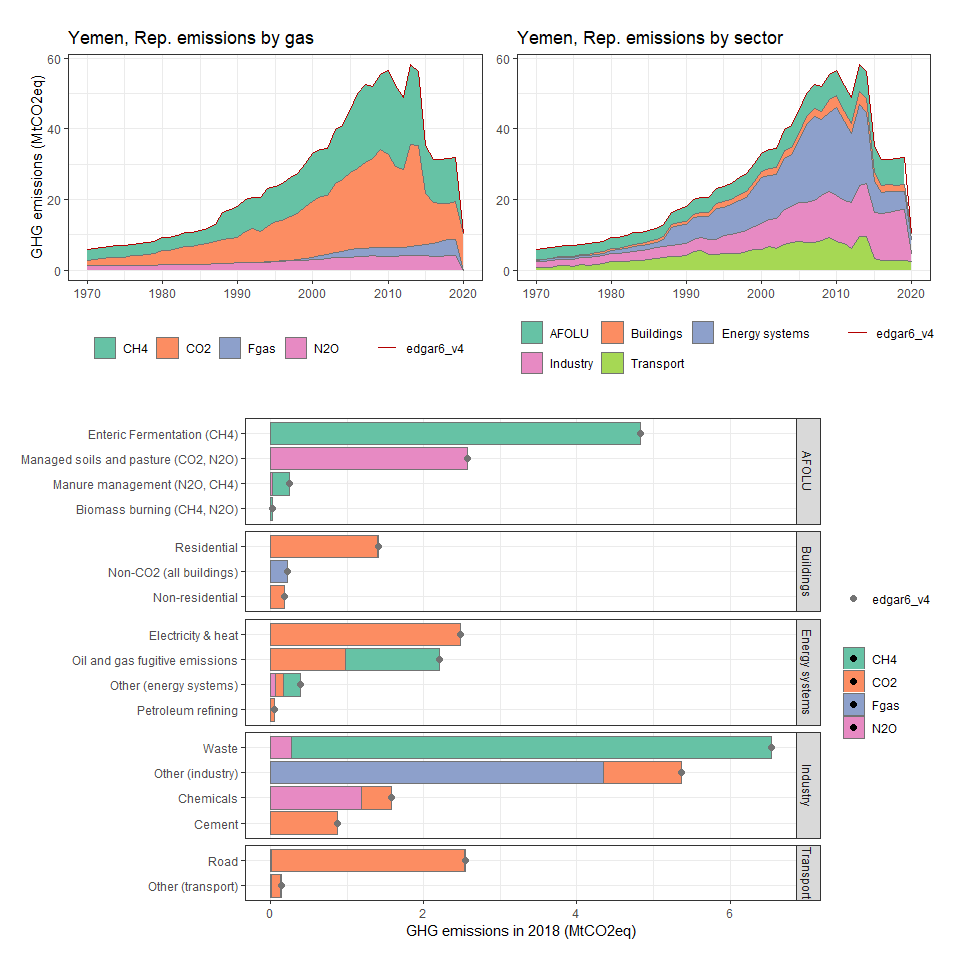
### Madagascar



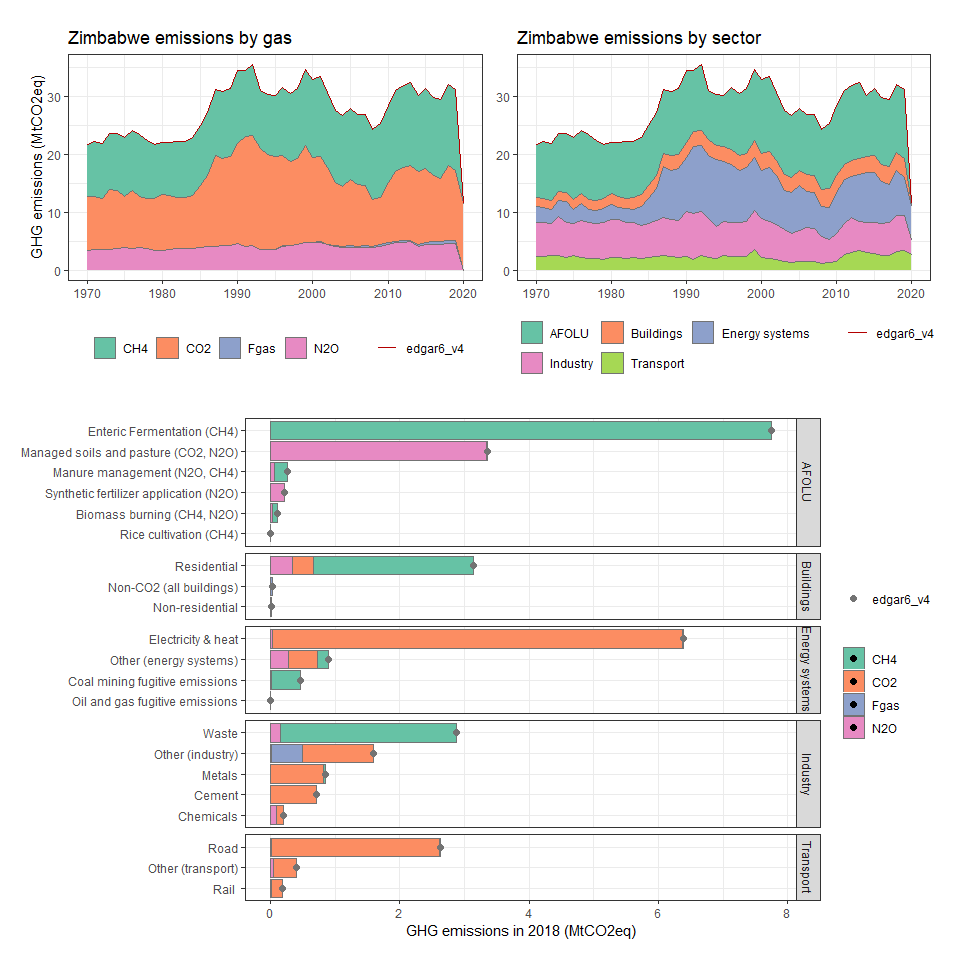
### Afghanistan



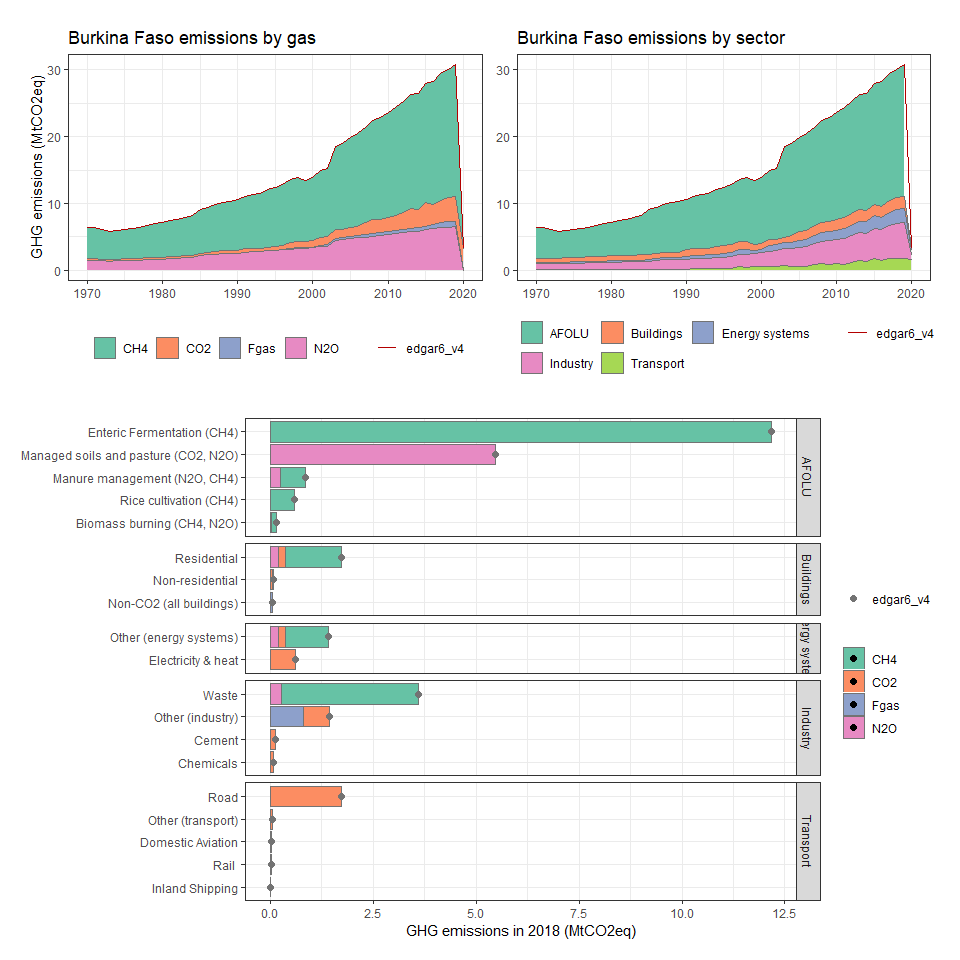
### Yemen, Rep.



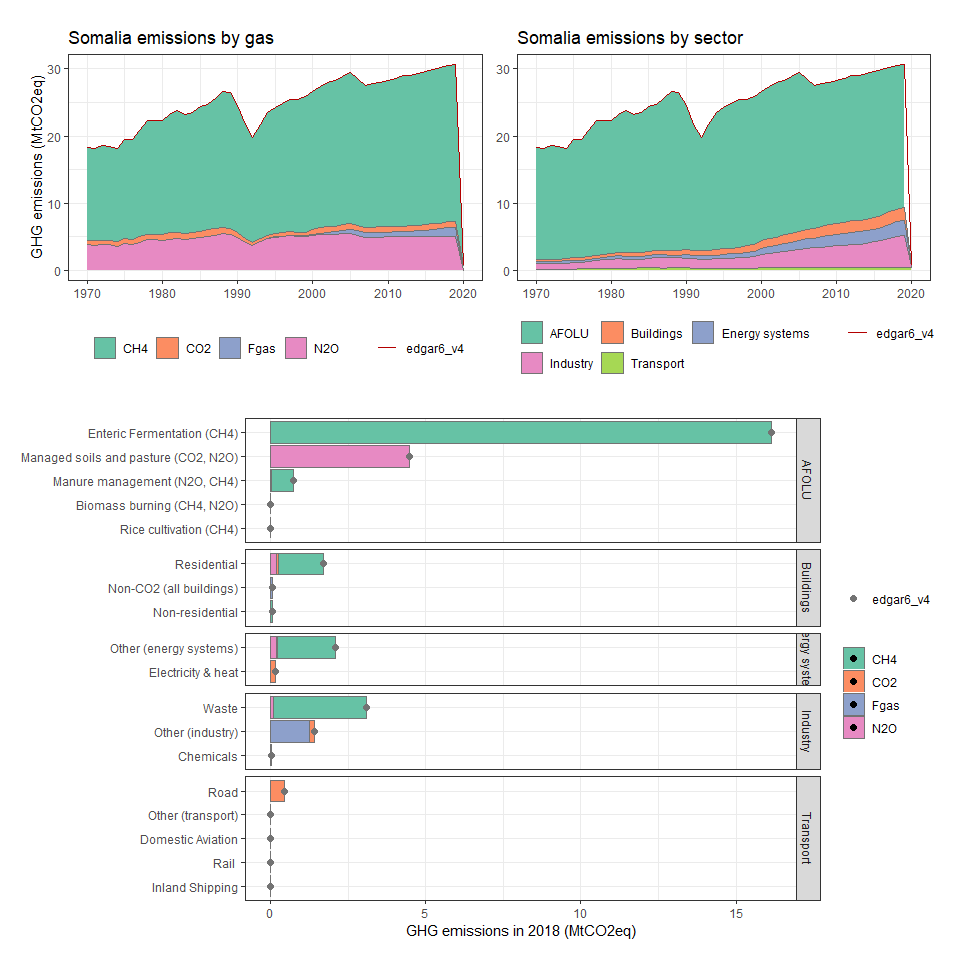
### Zimbabwe



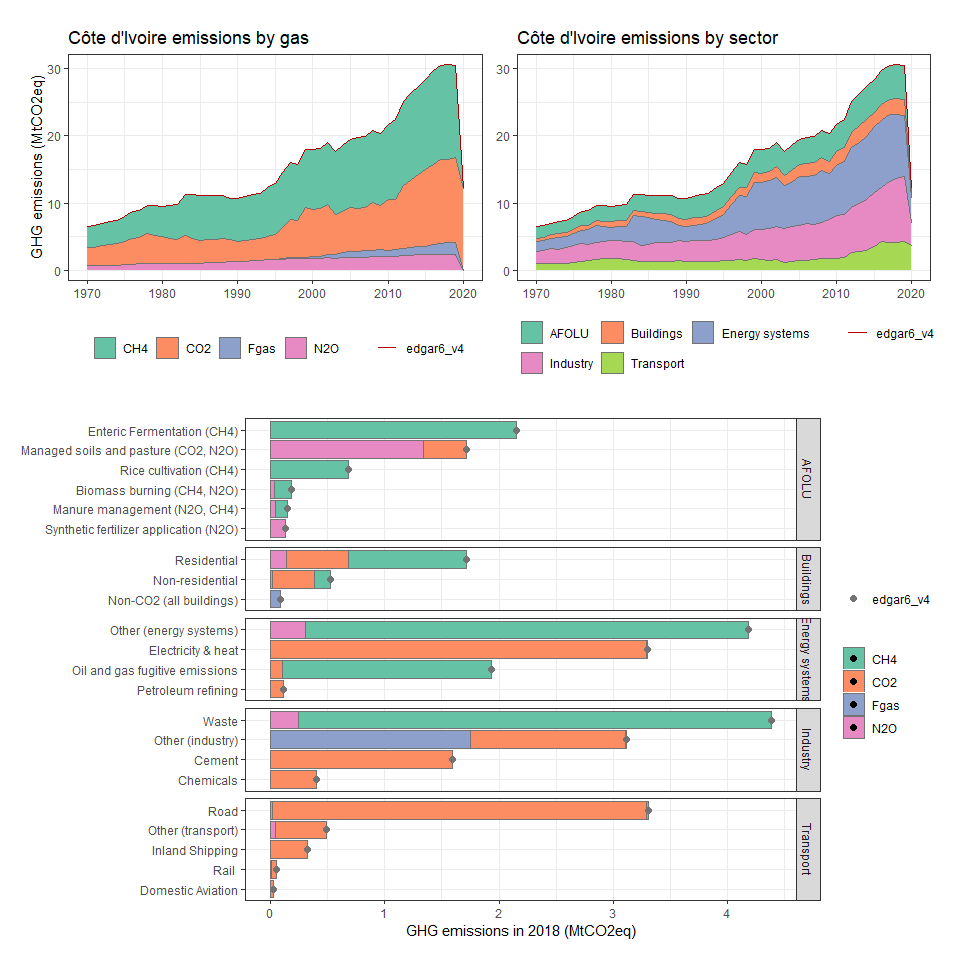
### Burkina Faso



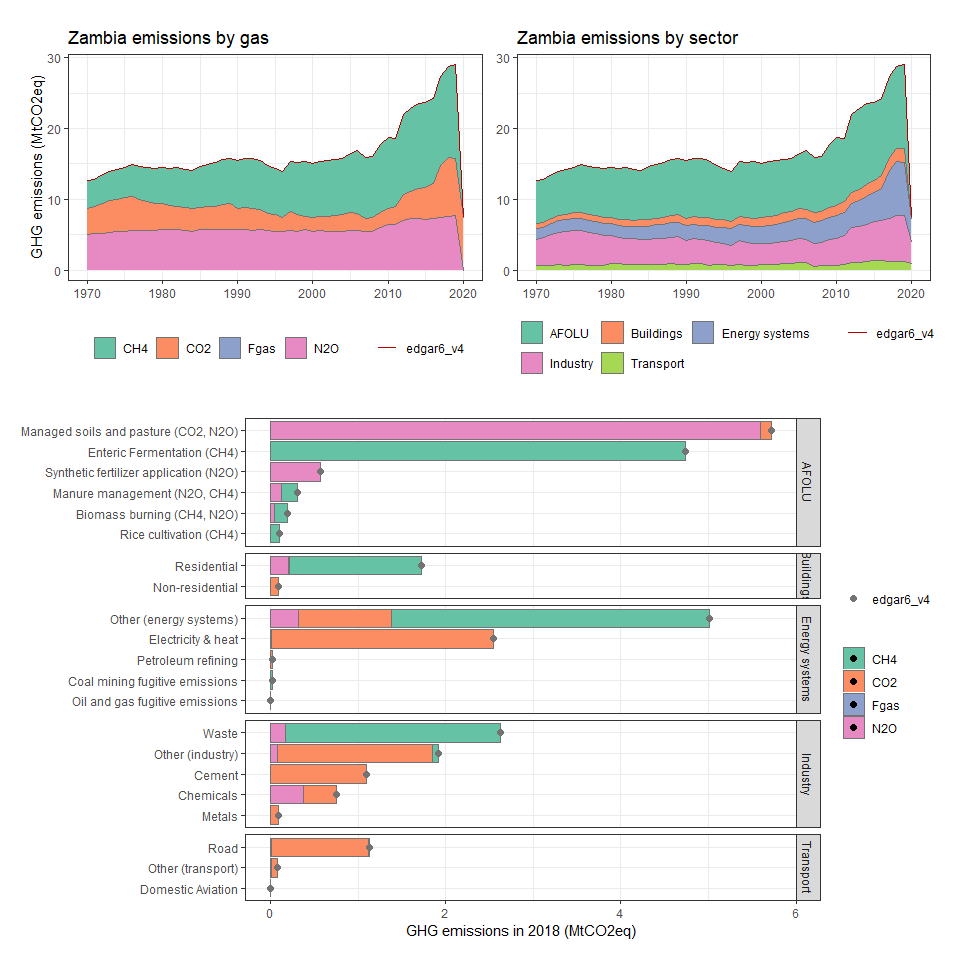
### Somalia



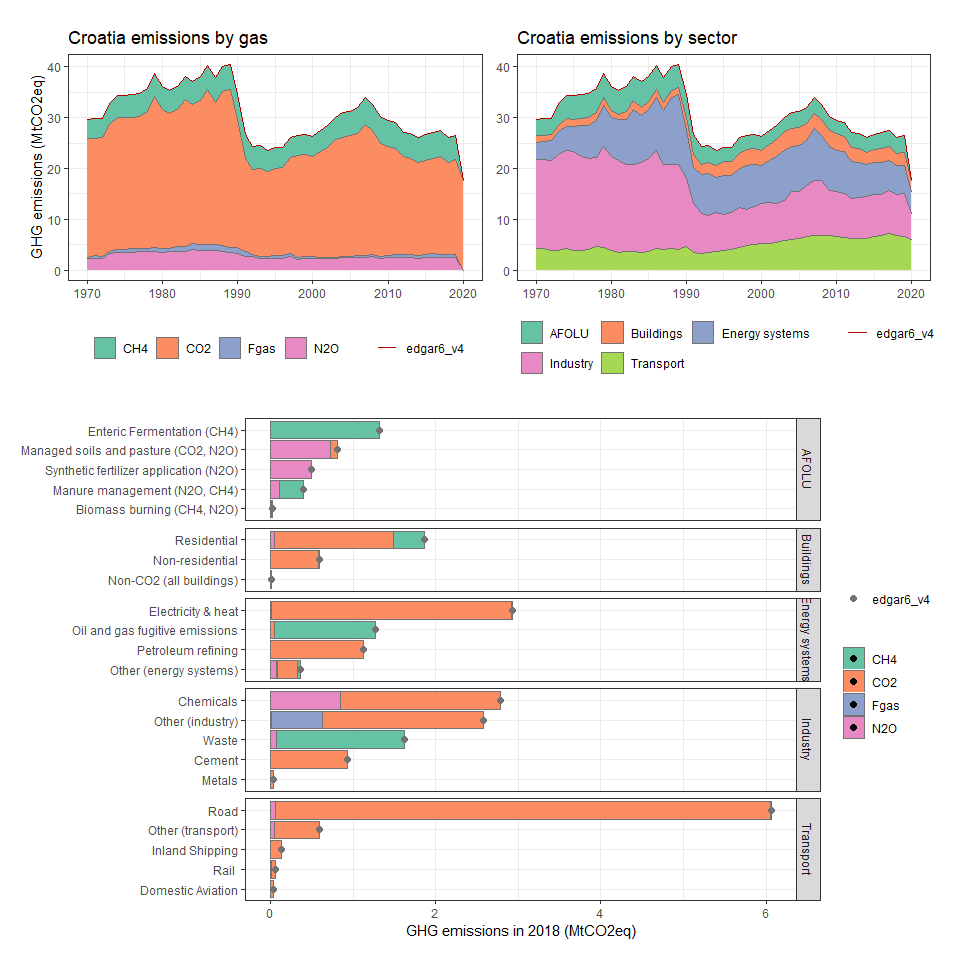
### Côte d’Ivoire



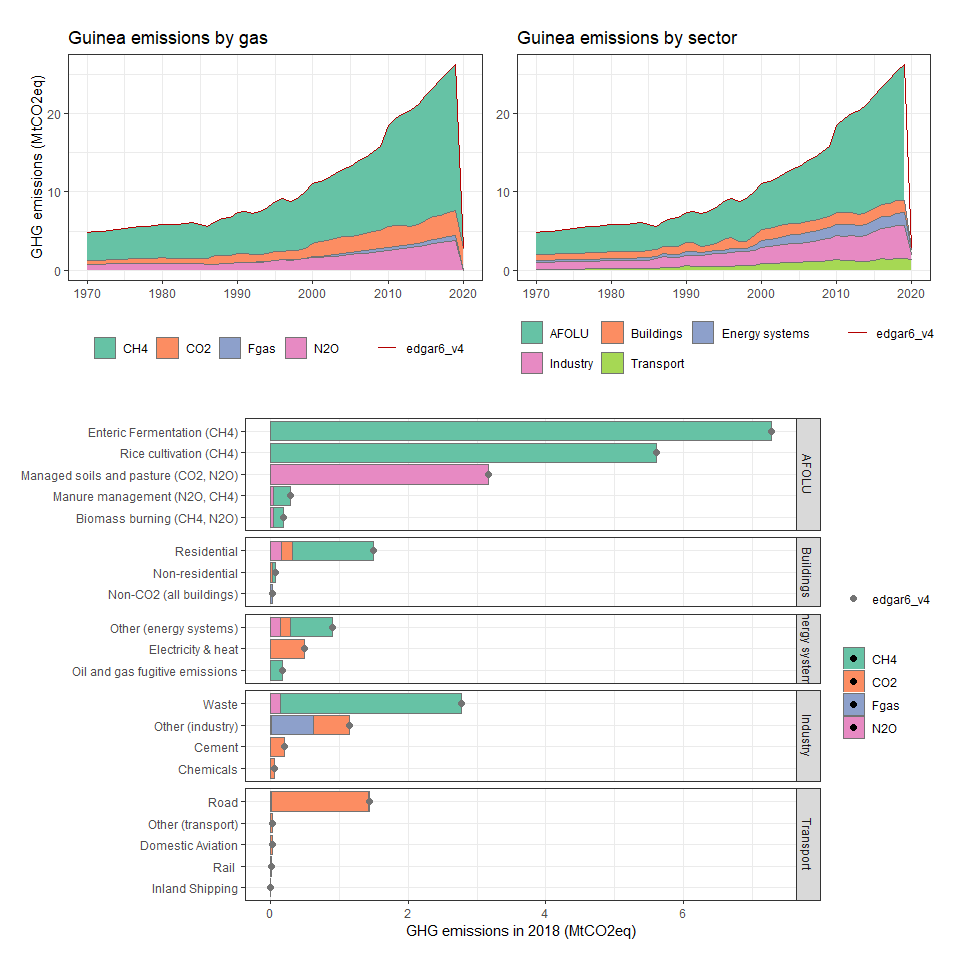
### Zambia



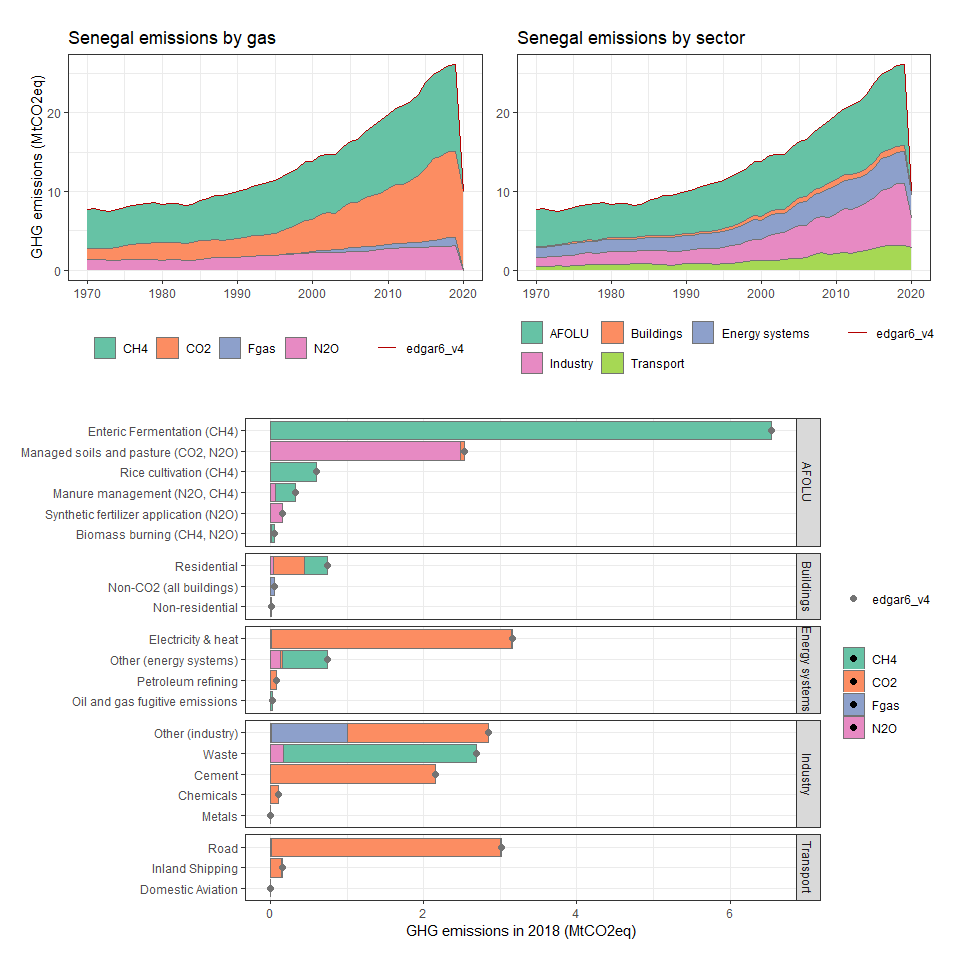
### Croatia



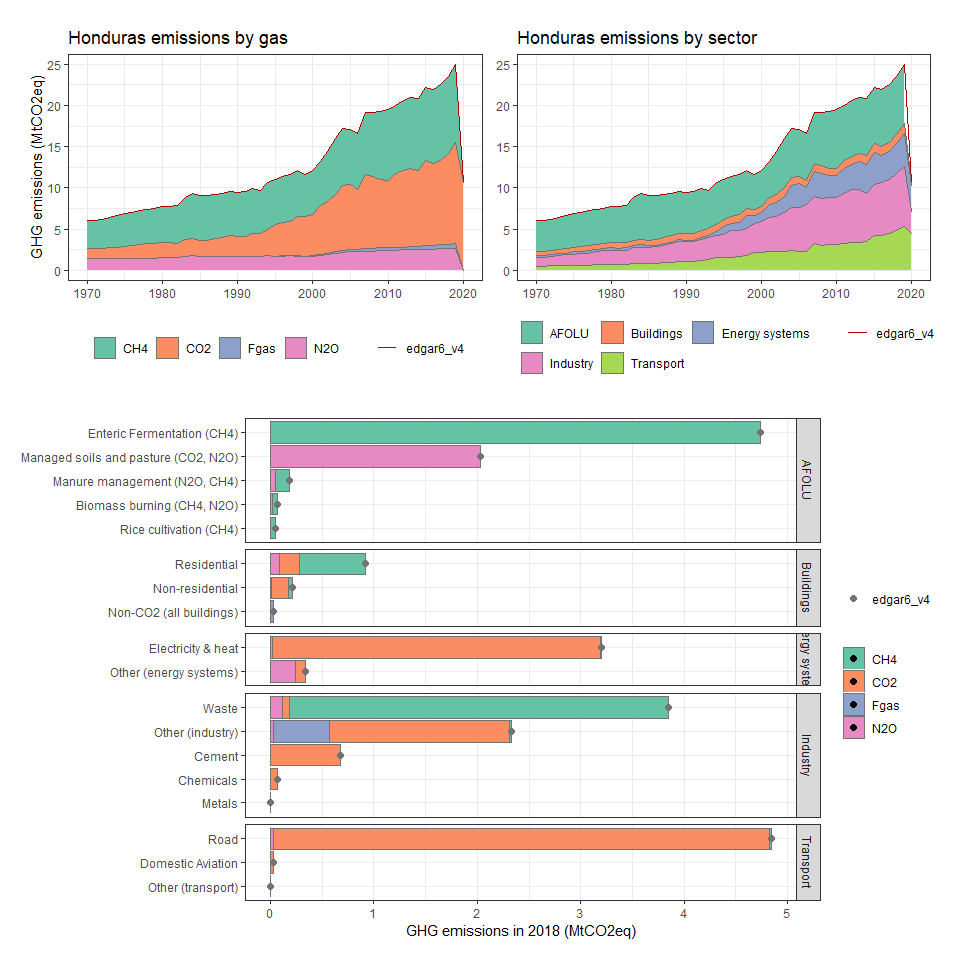
### Guinea



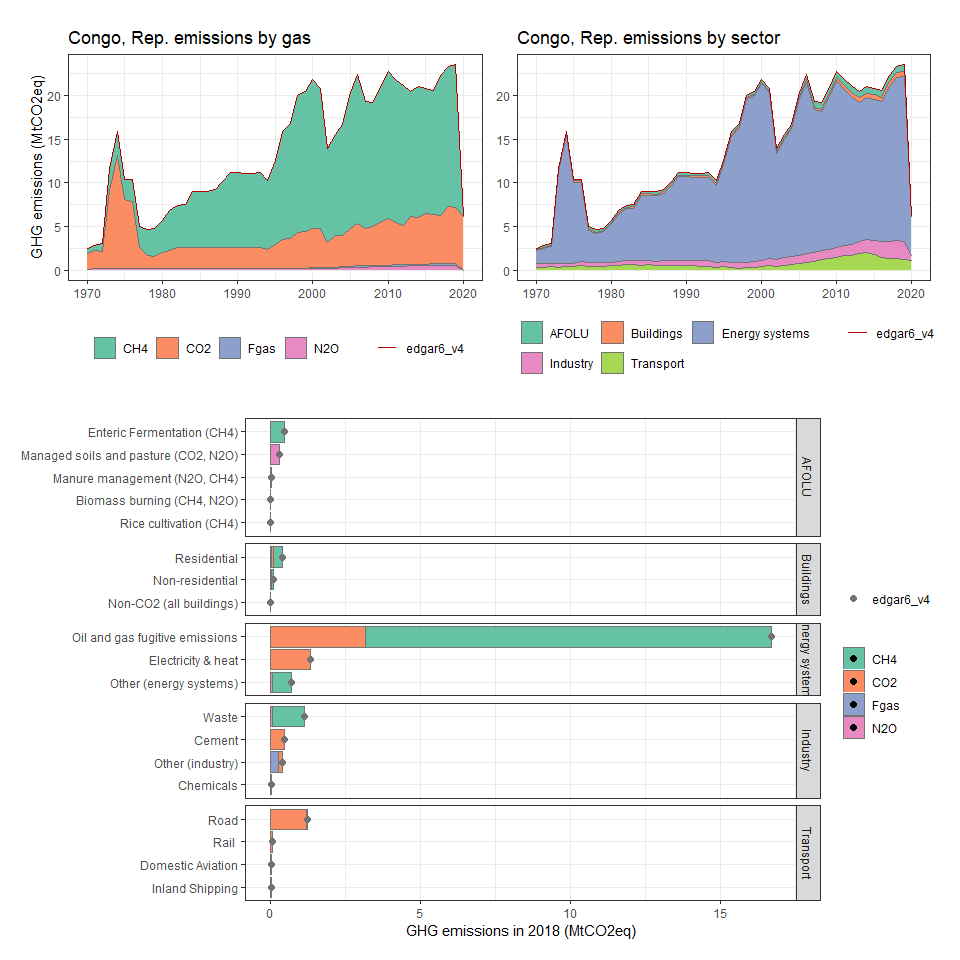
### Senegal



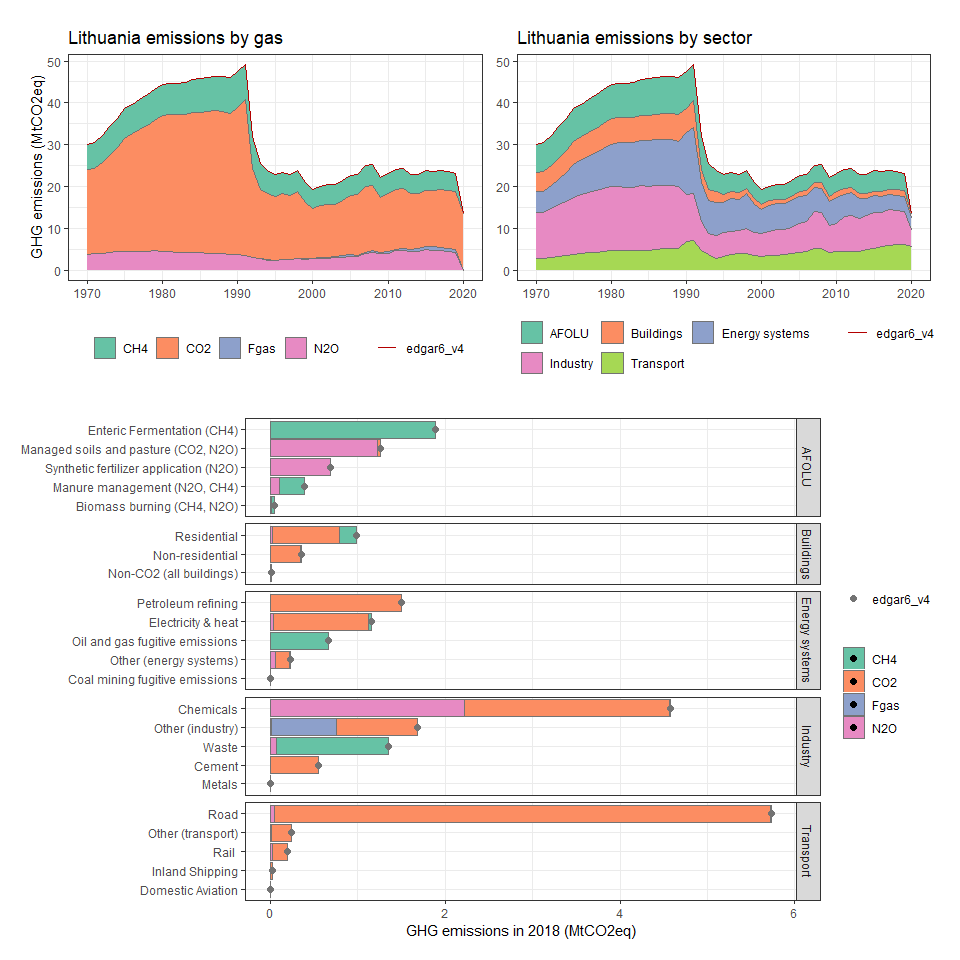
### Honduras



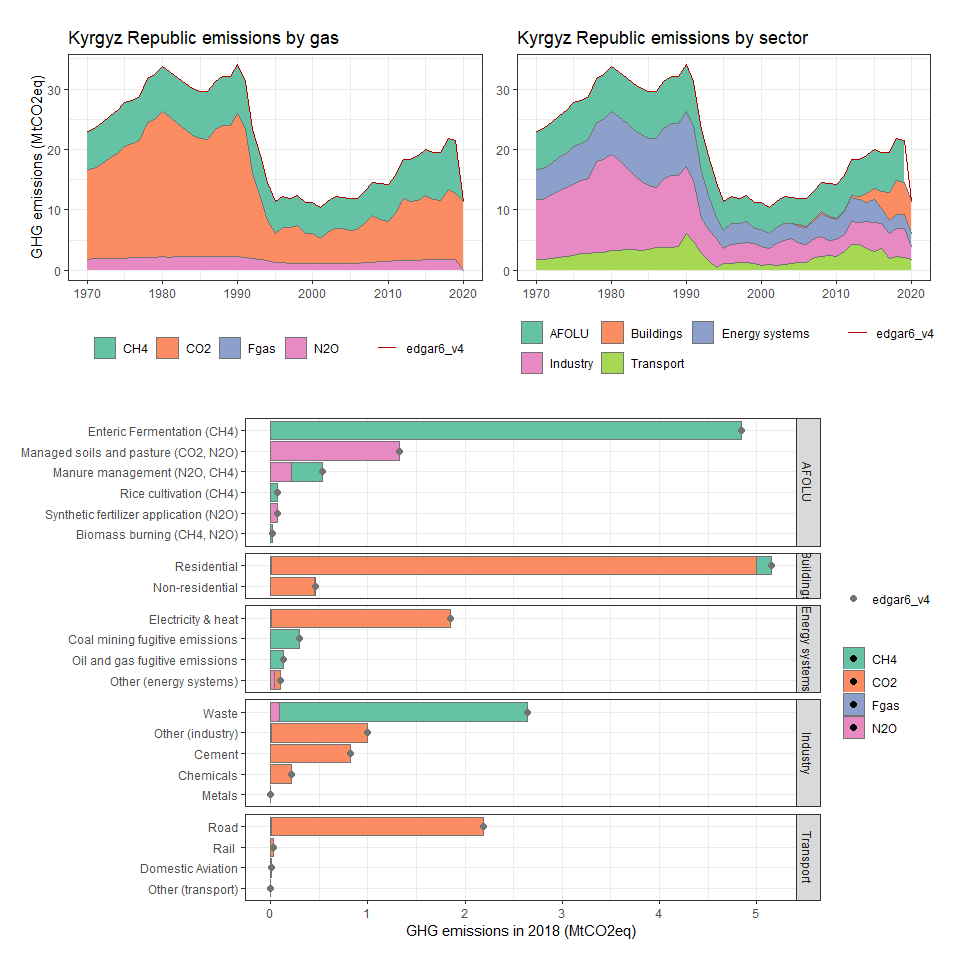
### Congo, Rep.



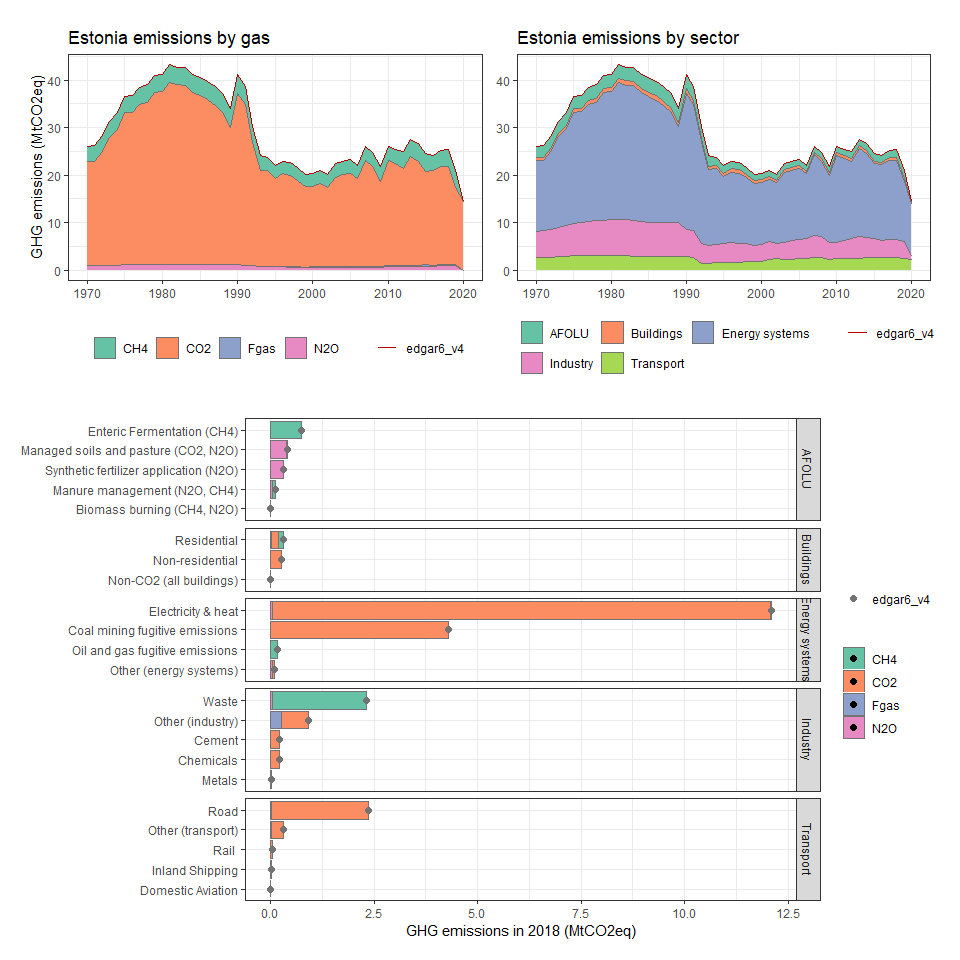
### Lithuania



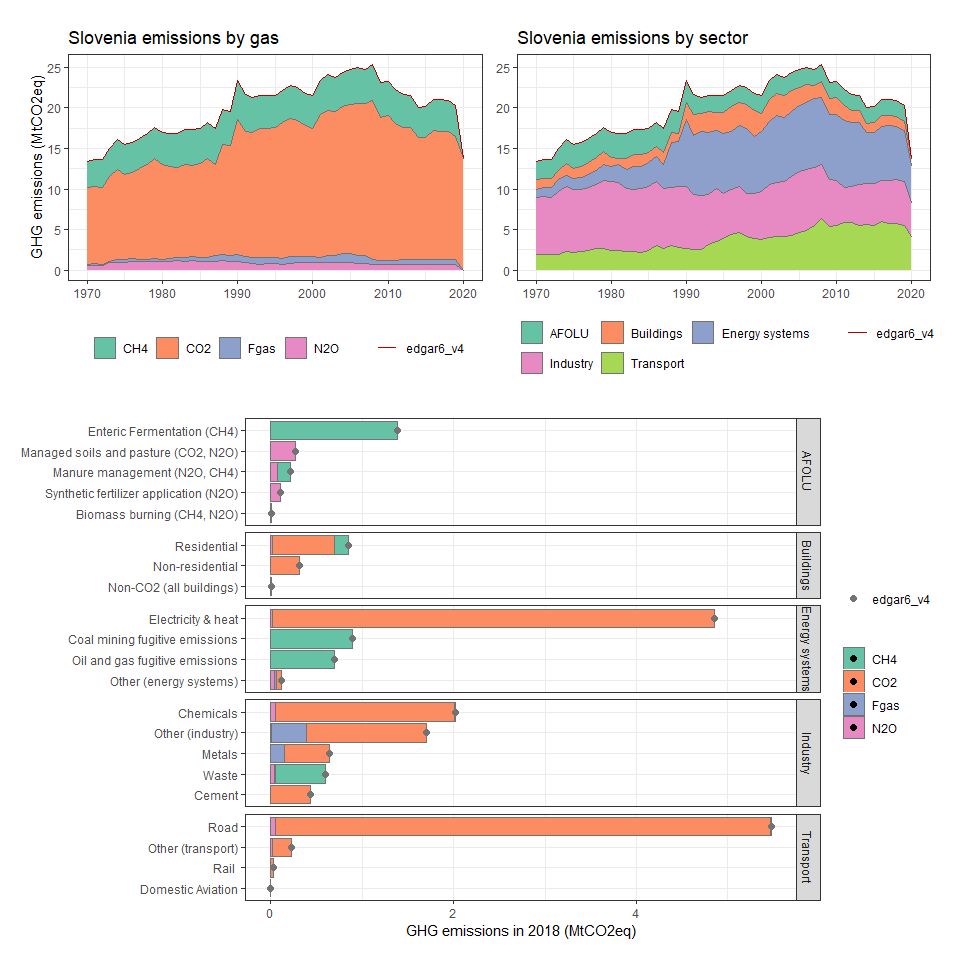
### Kyrgyz Republic



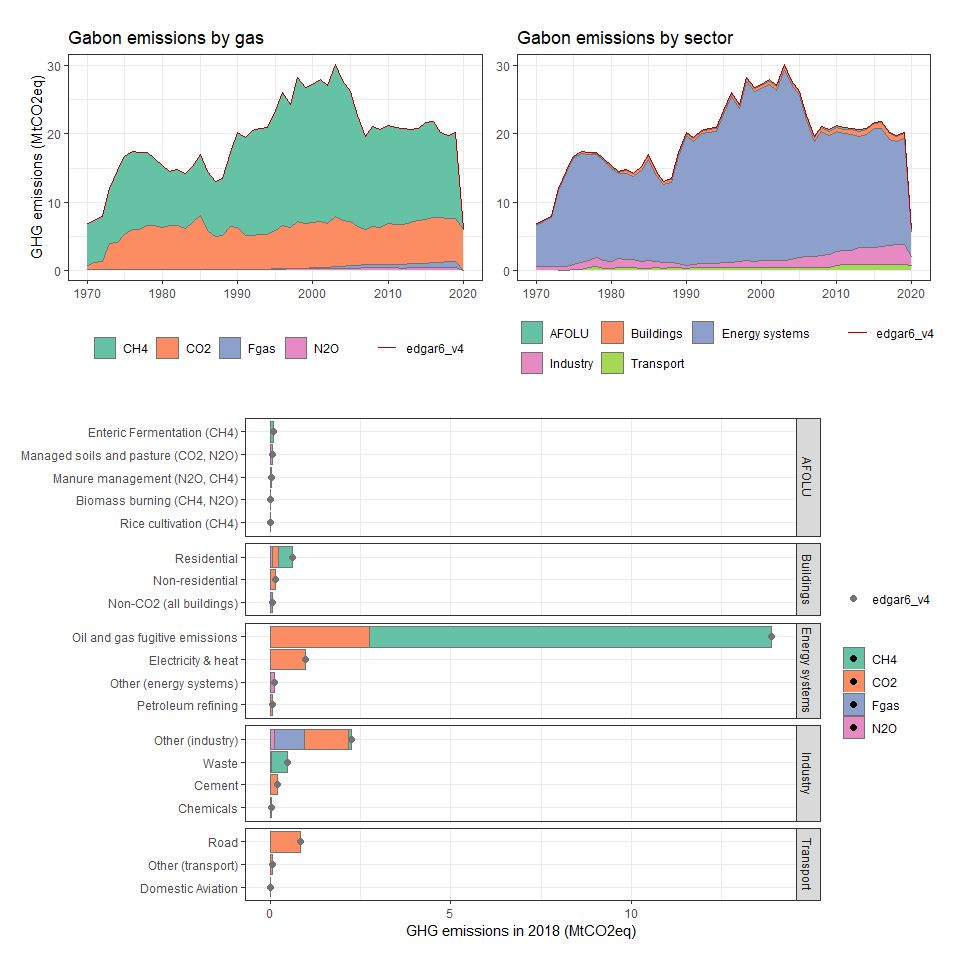
### Estonia



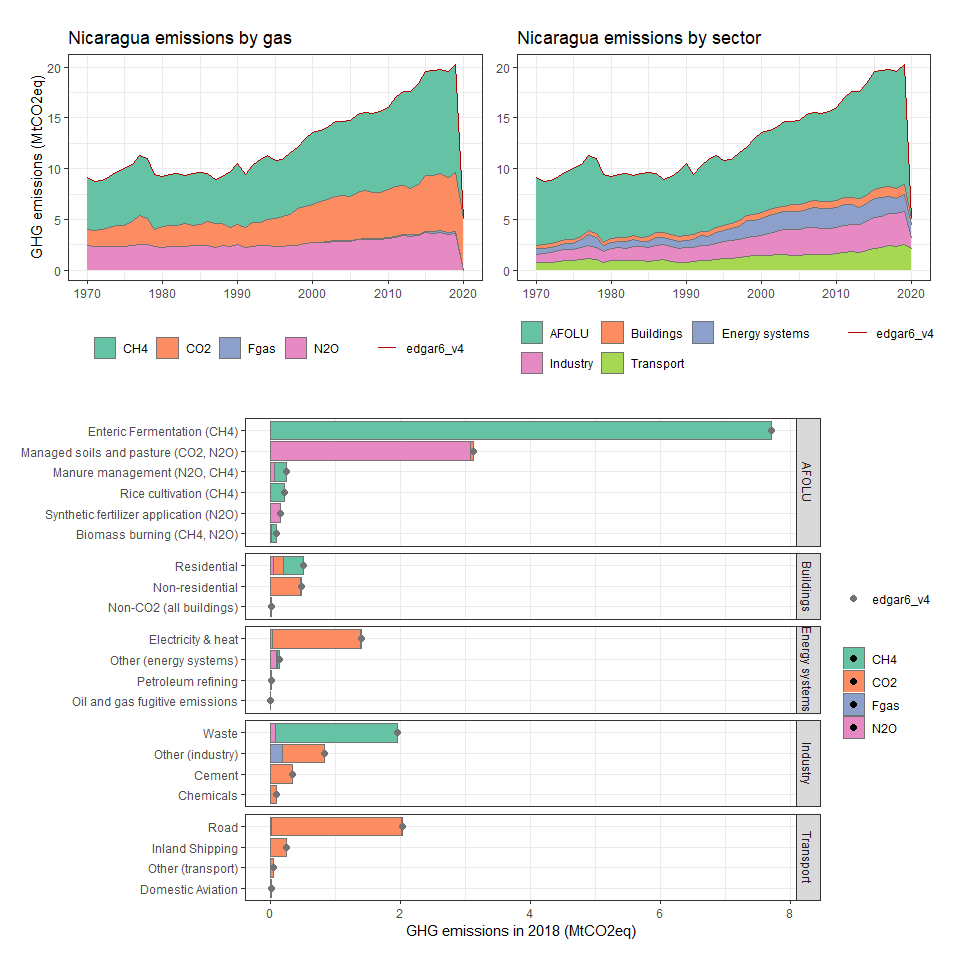
### Slovenia



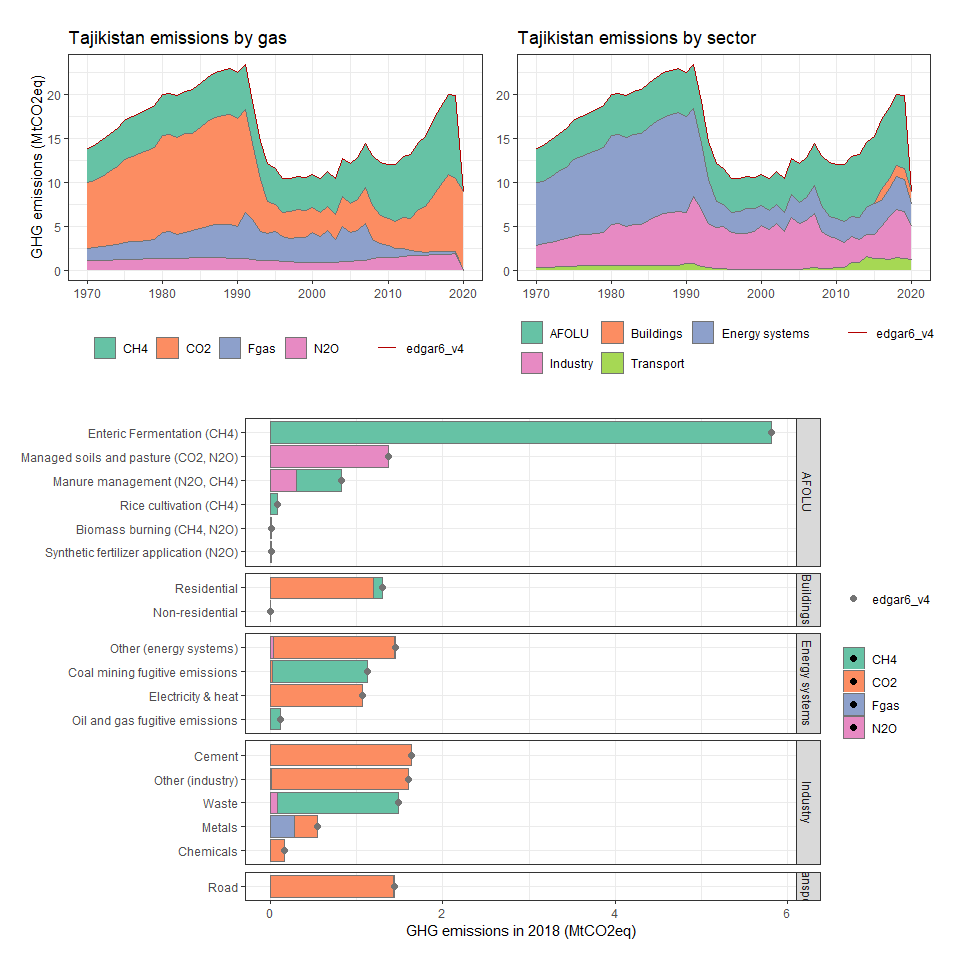
### Gabon



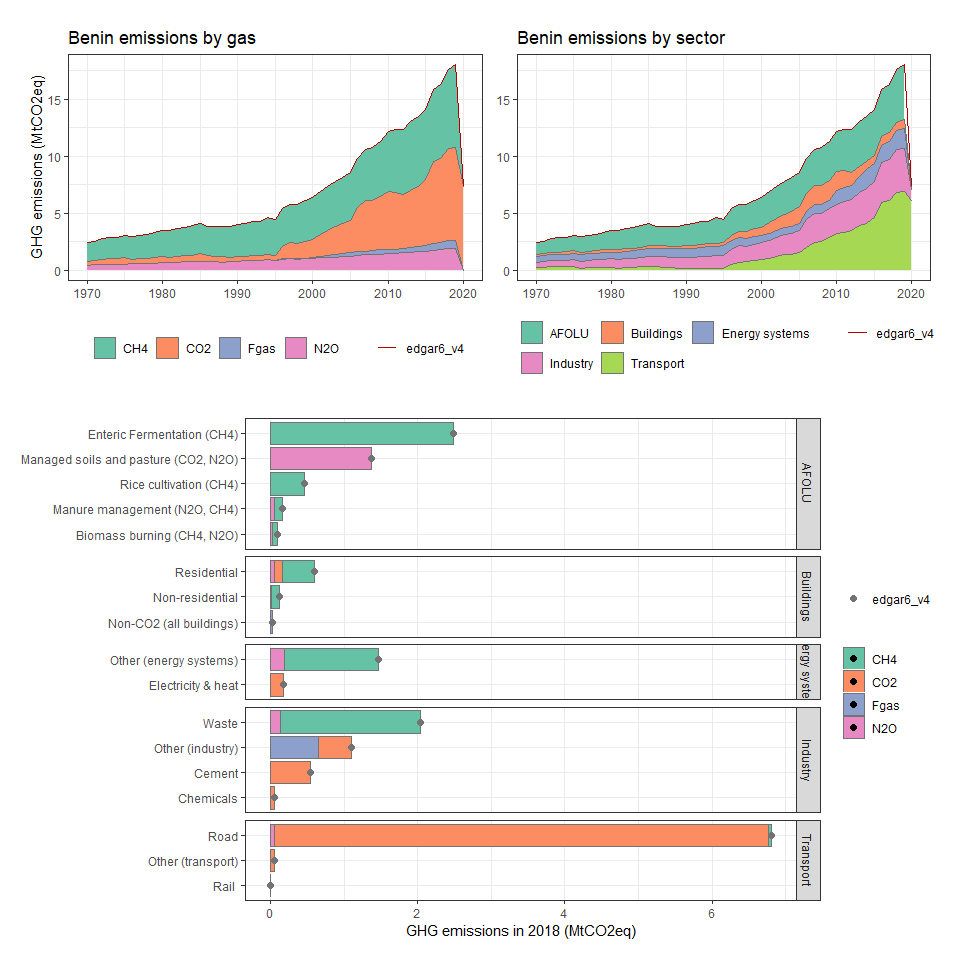
### Nicaragua



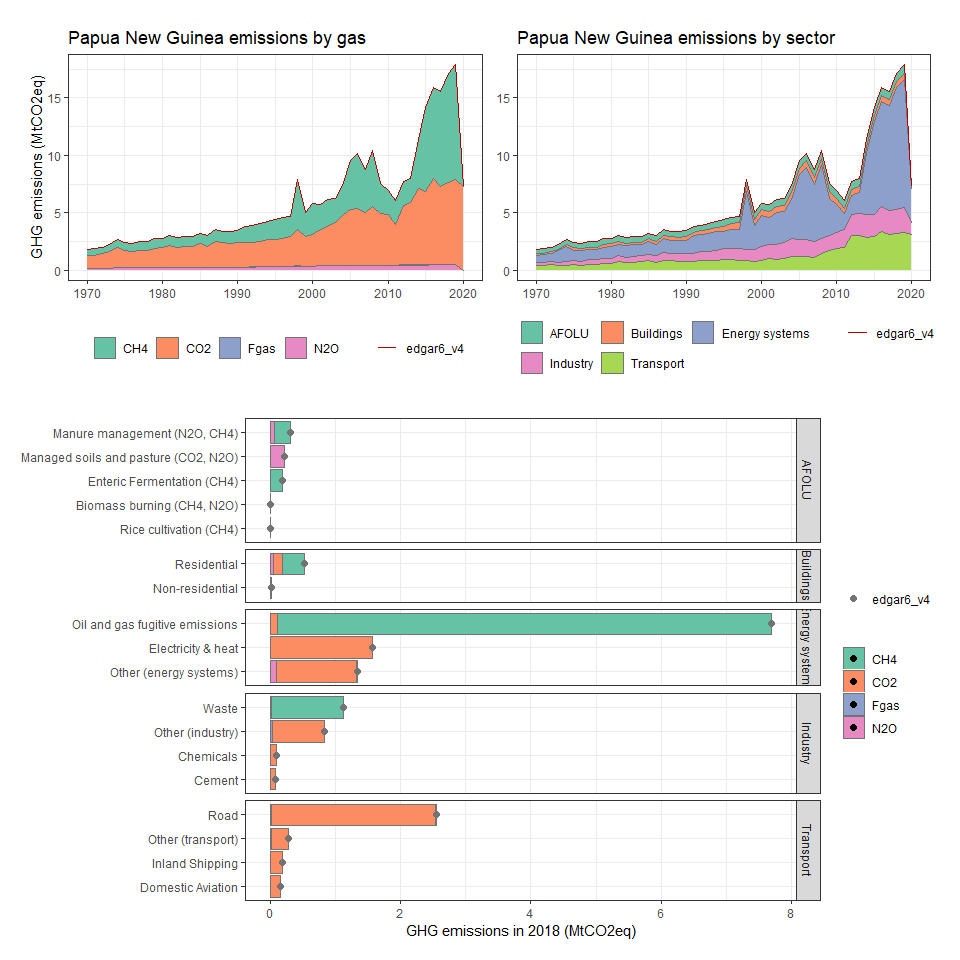
### Tajikistan



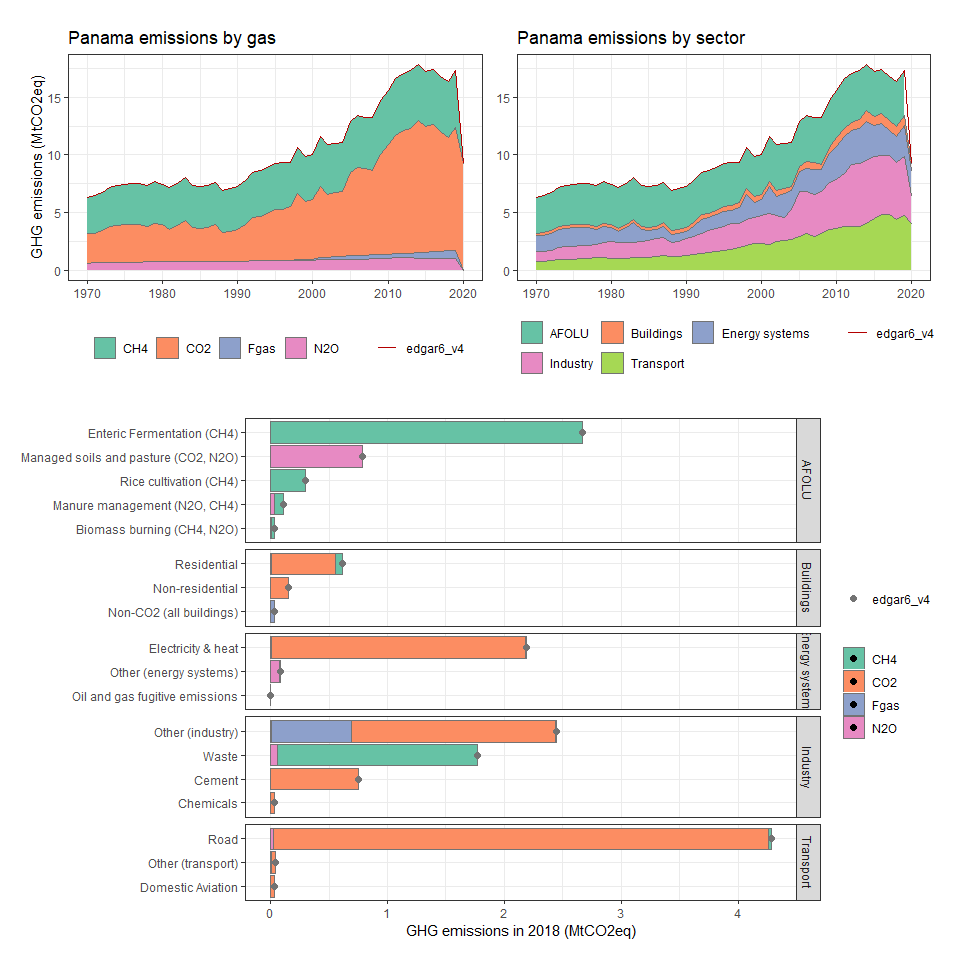
### Benin



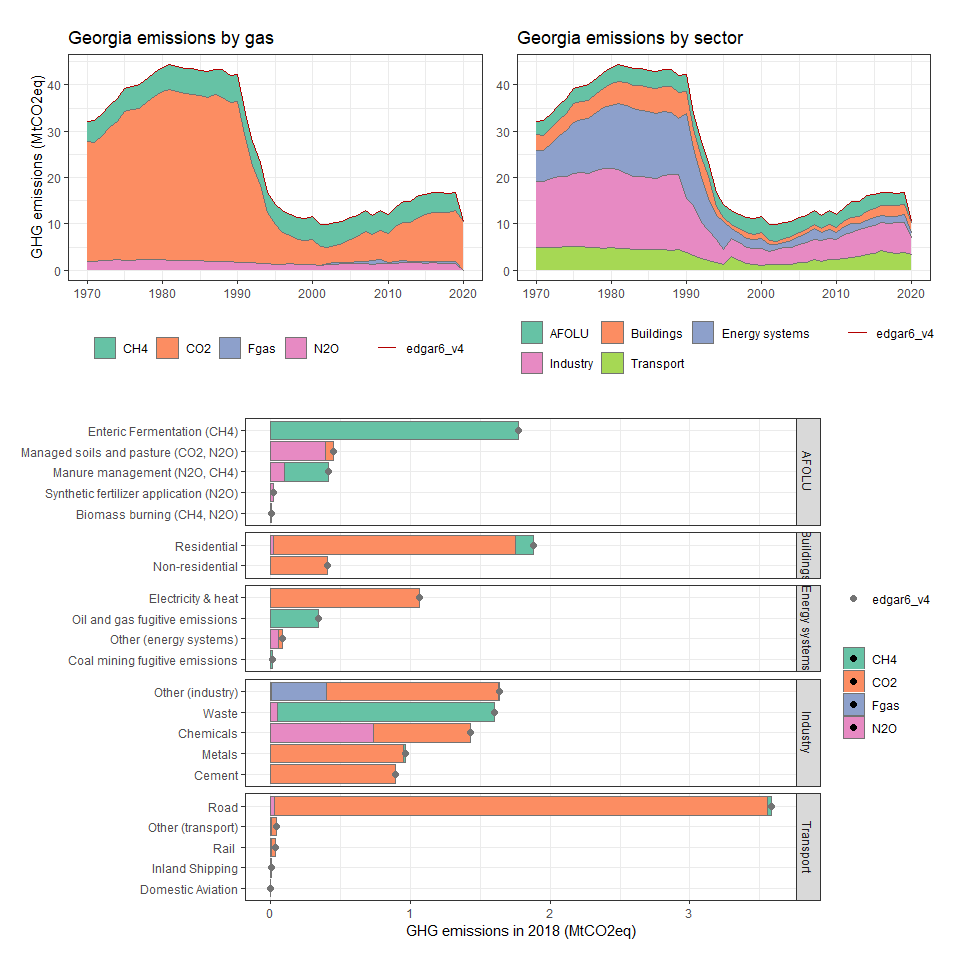
### Papua New Guinea



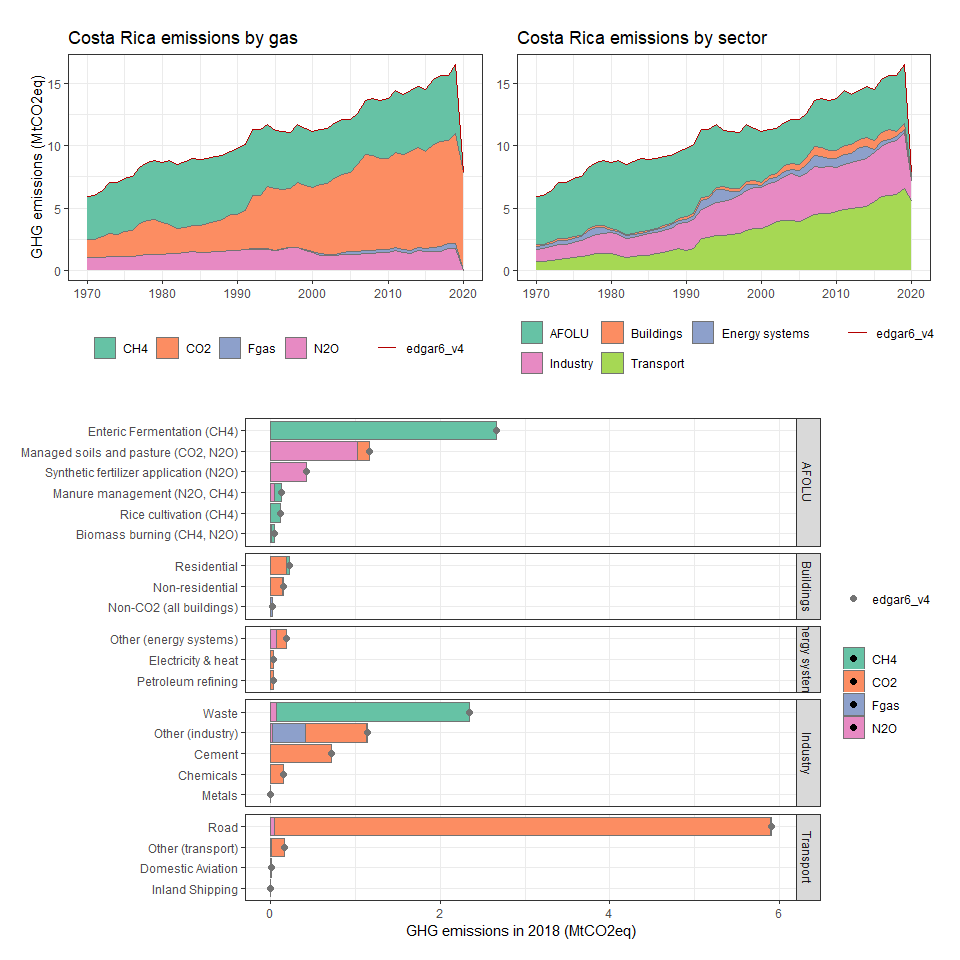
### Panama



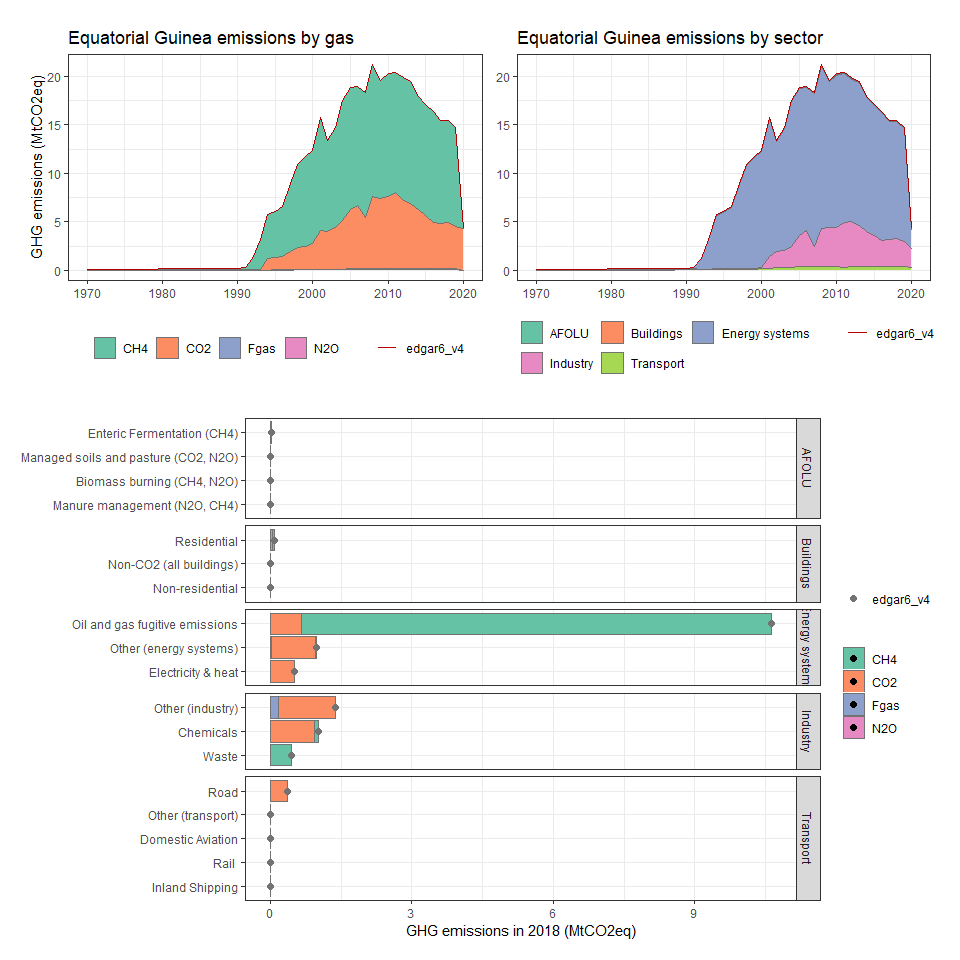
### Georgia



### Costa Rica



### Equatorial Guinea



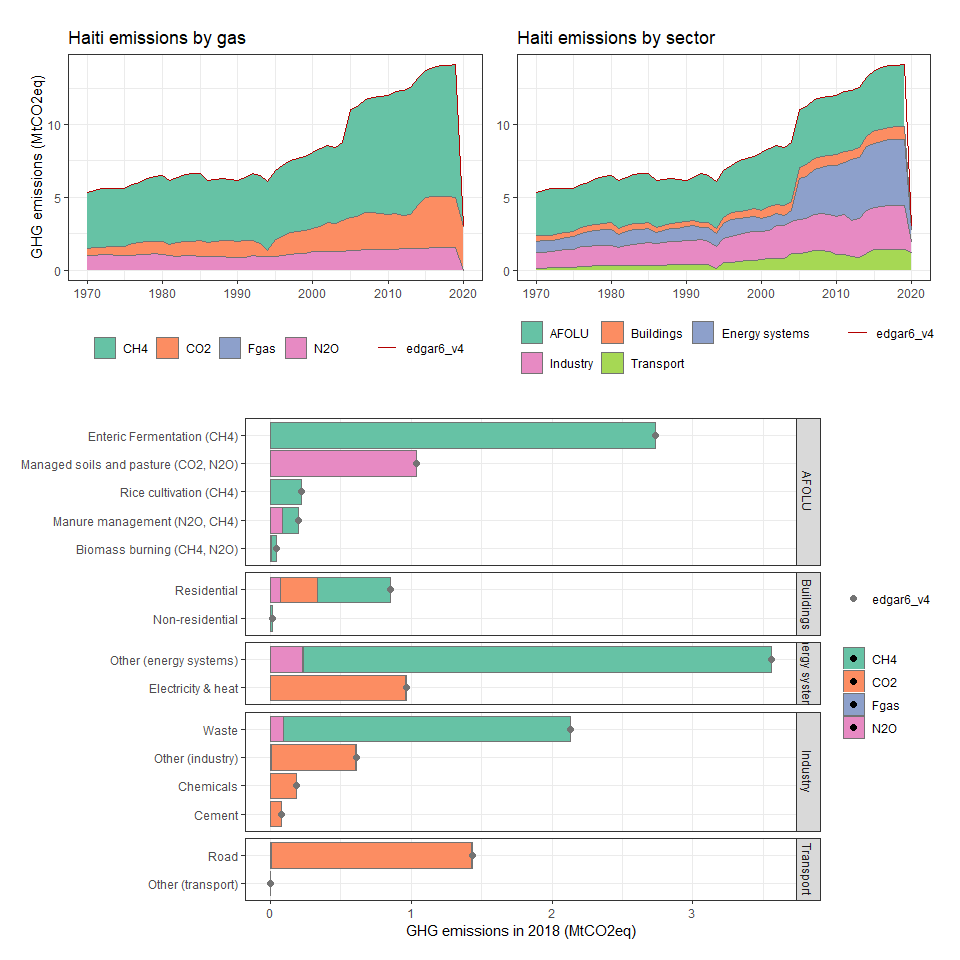
### Brunei Darussalam



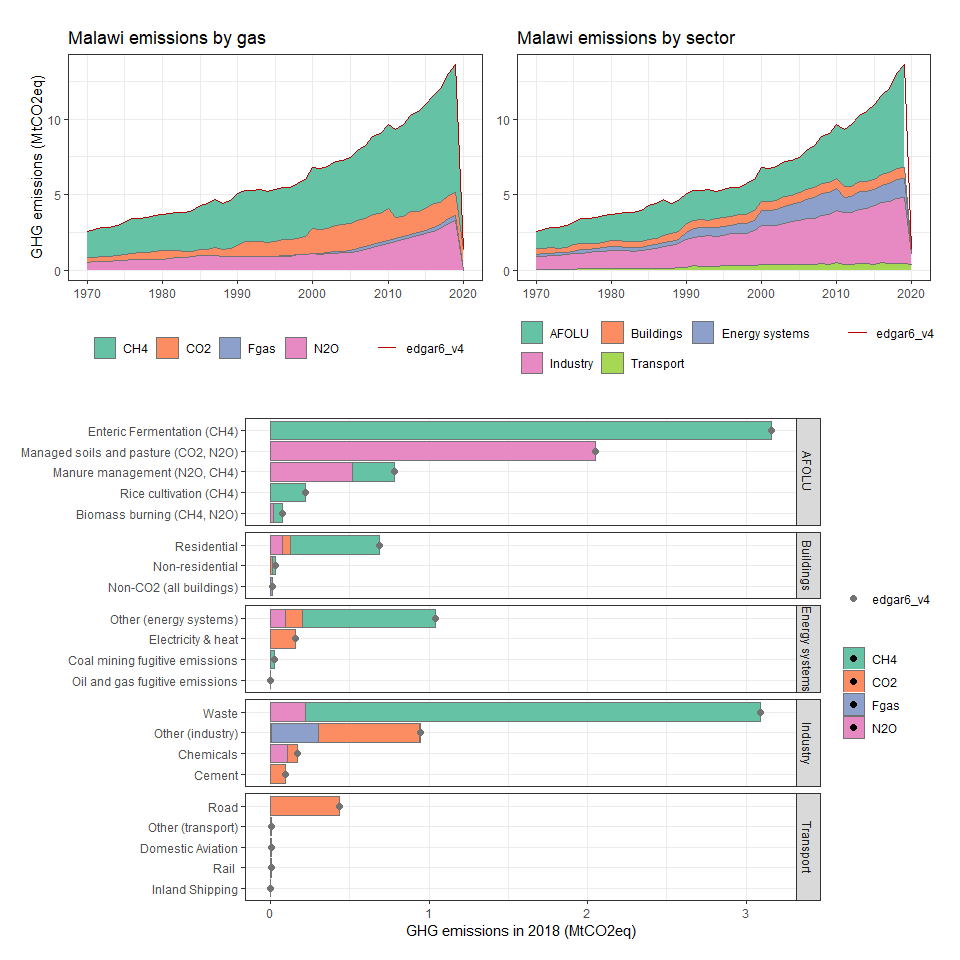
### Mauritania



### Haiti



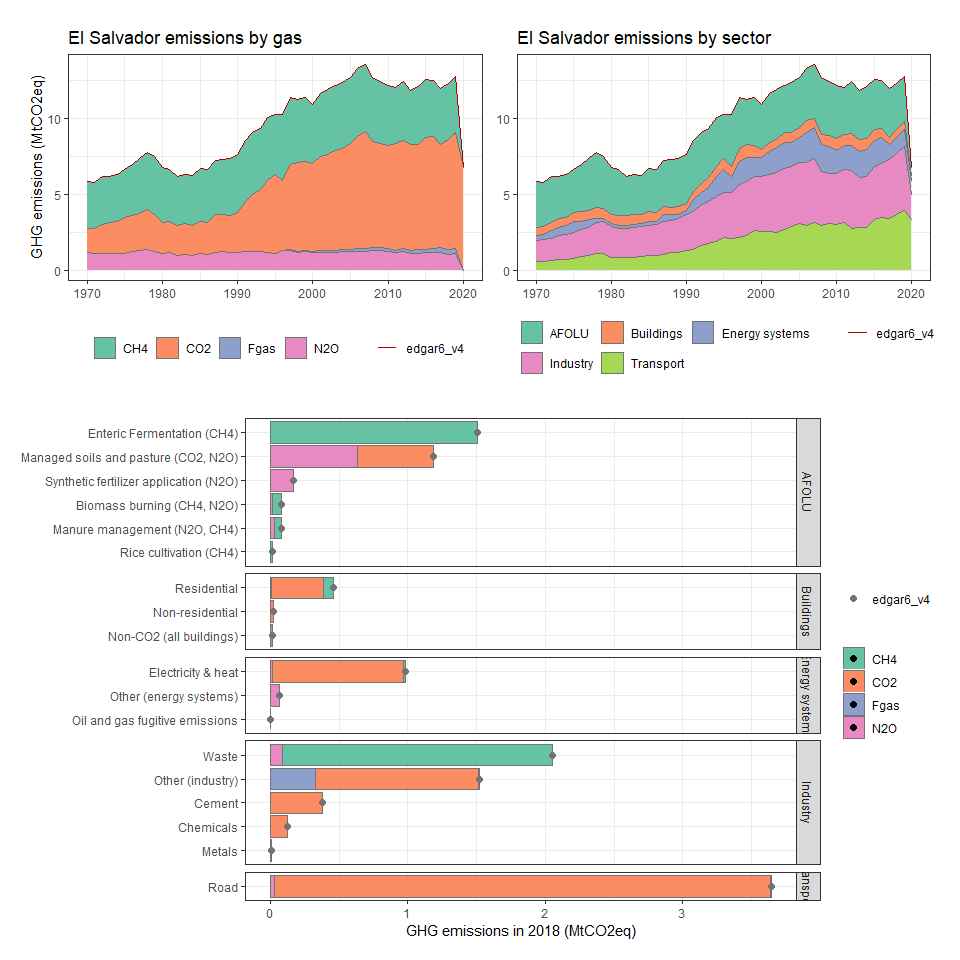
### Malawi



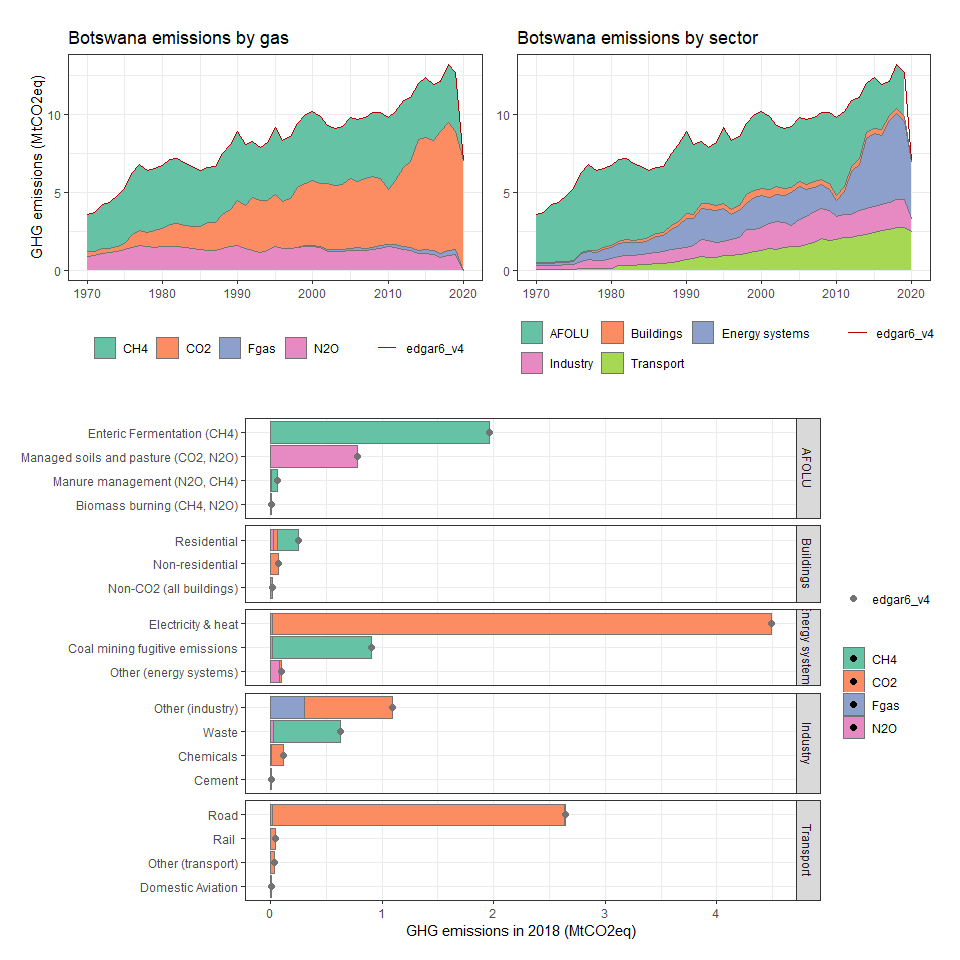
### Latvia



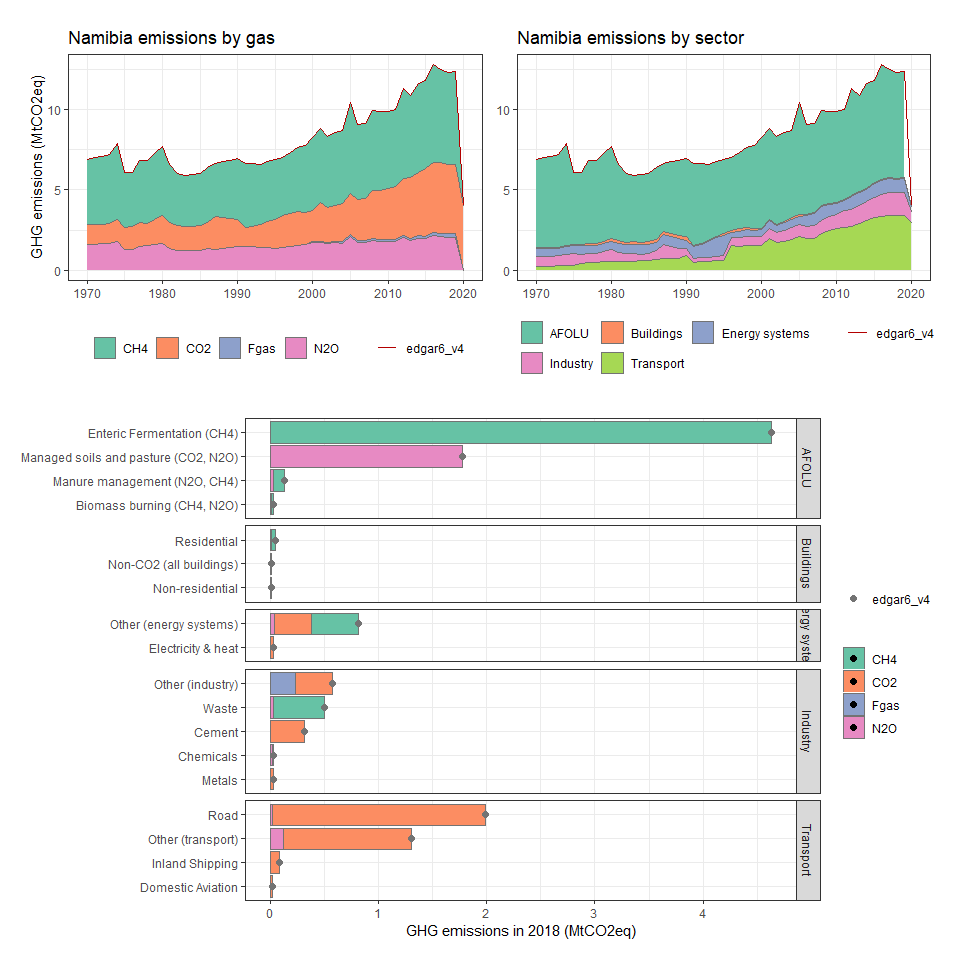
### El Salvador



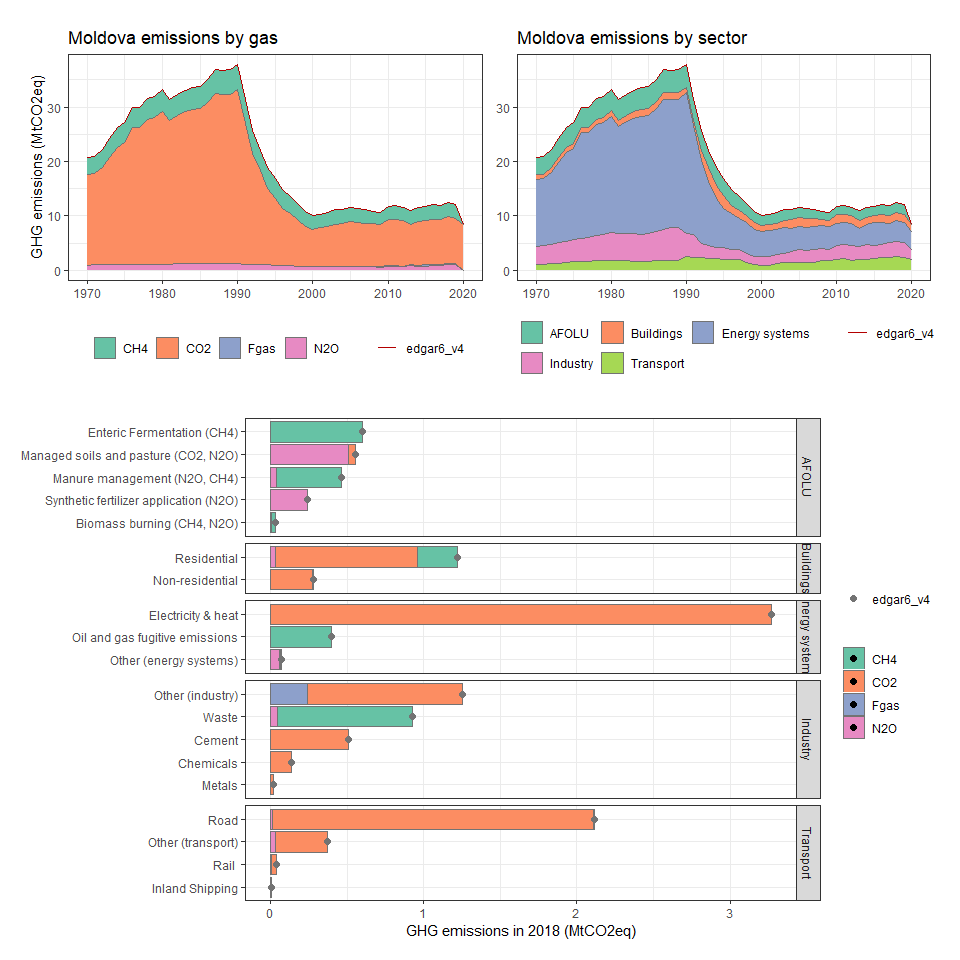
### Botswana



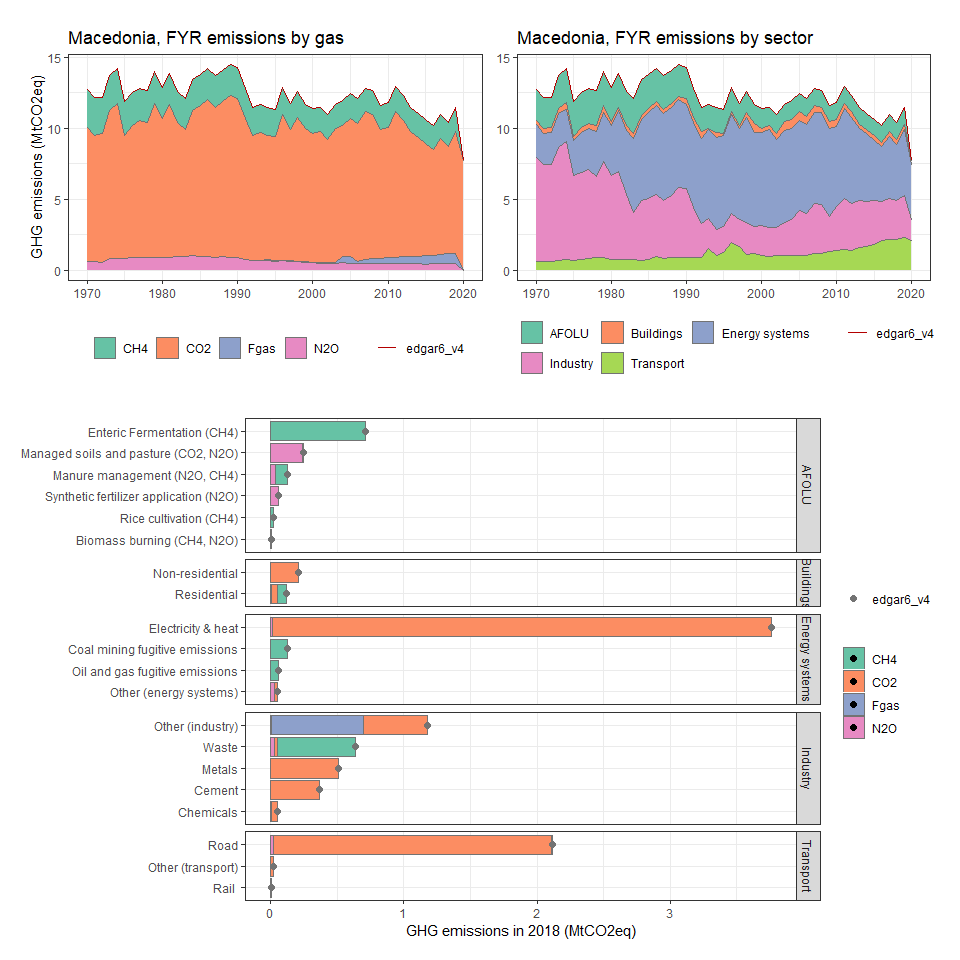
### Namibia



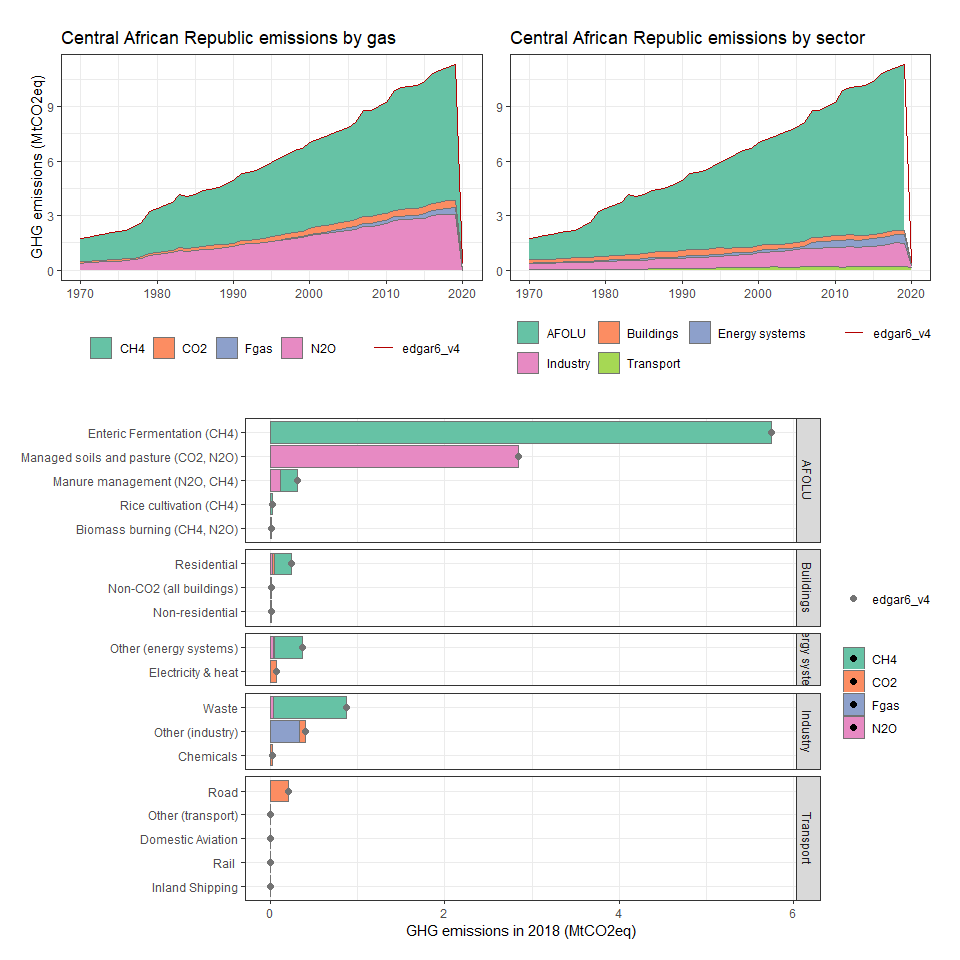
### Moldova



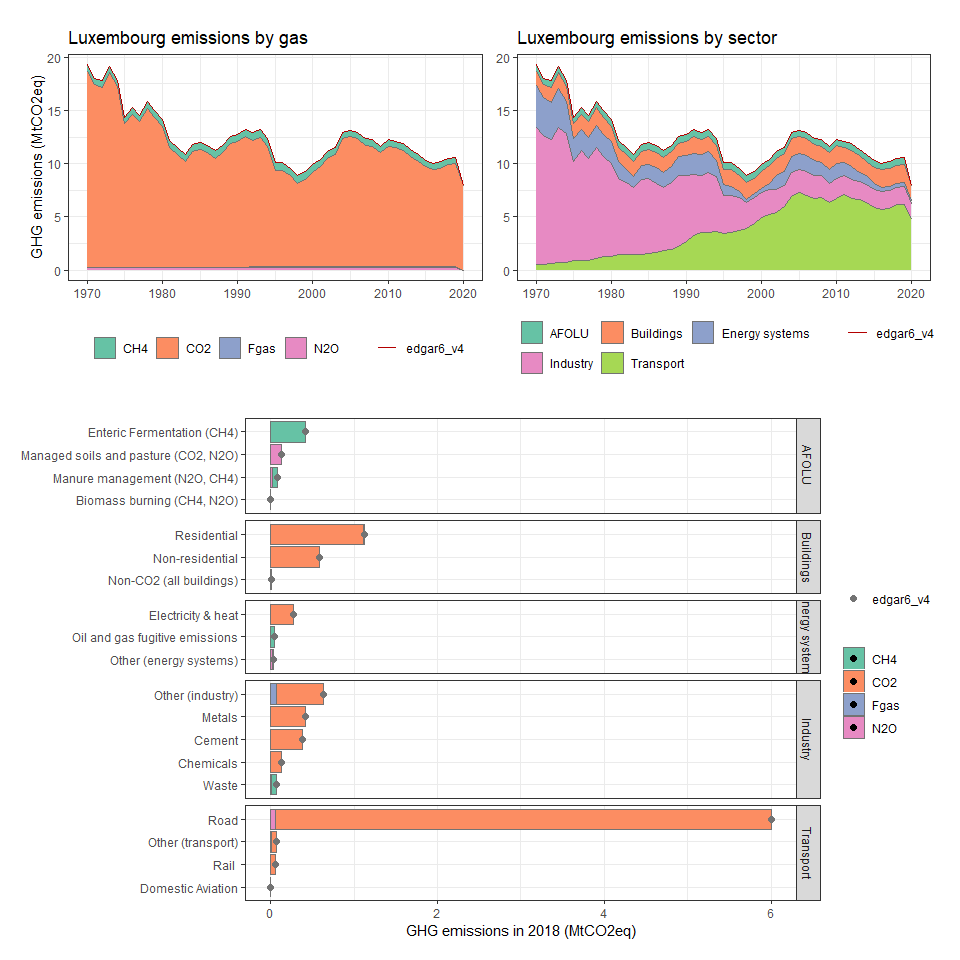
### Macedonia, FYR



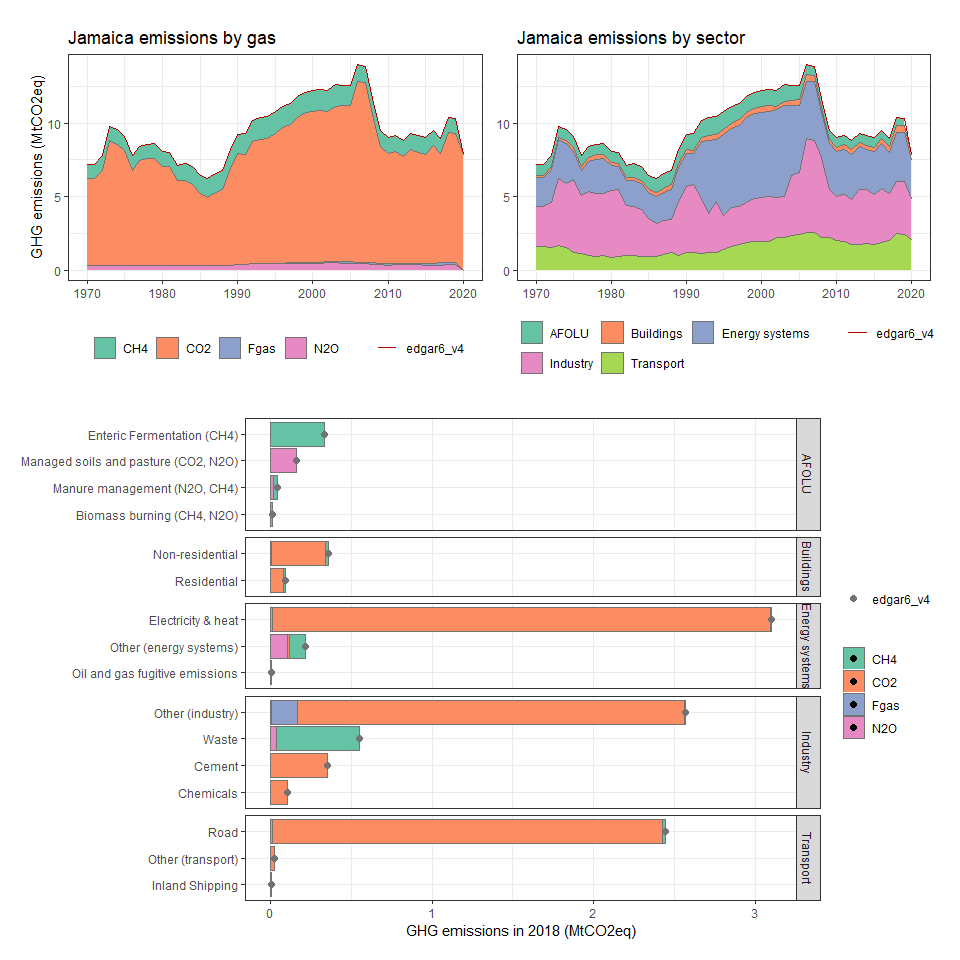
### Central African Republic



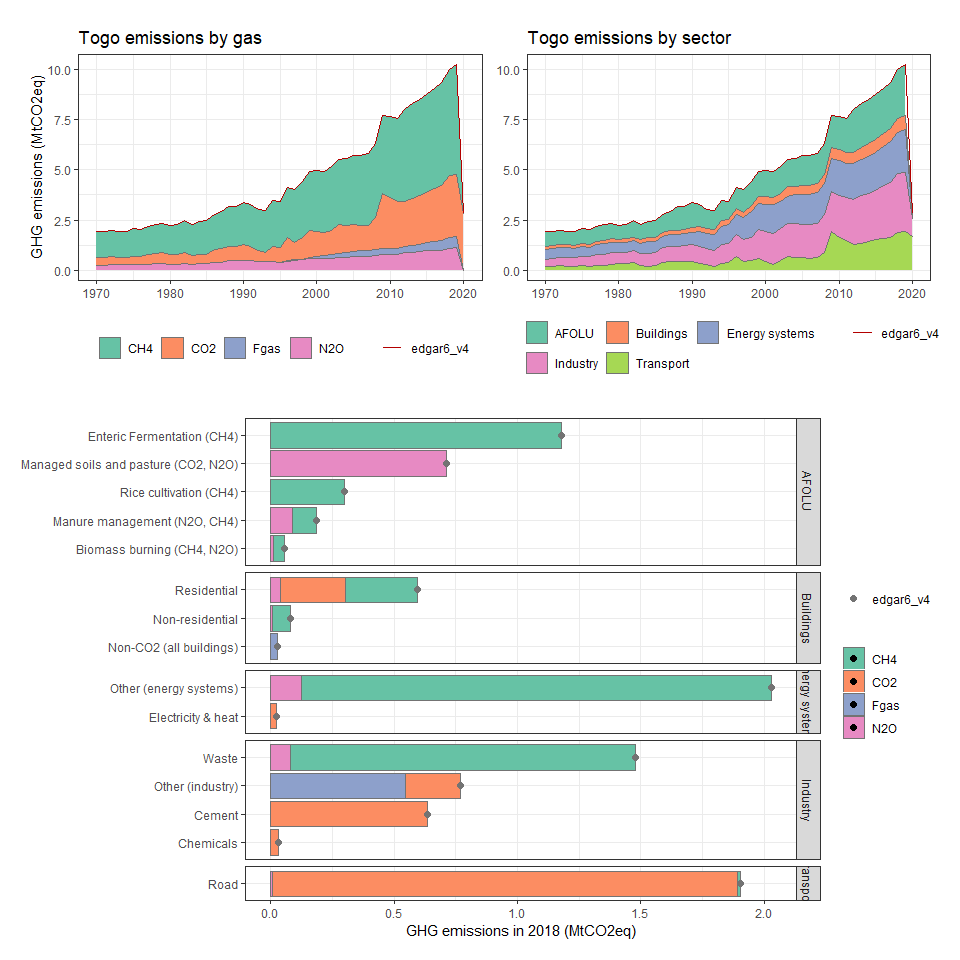
### Luxembourg



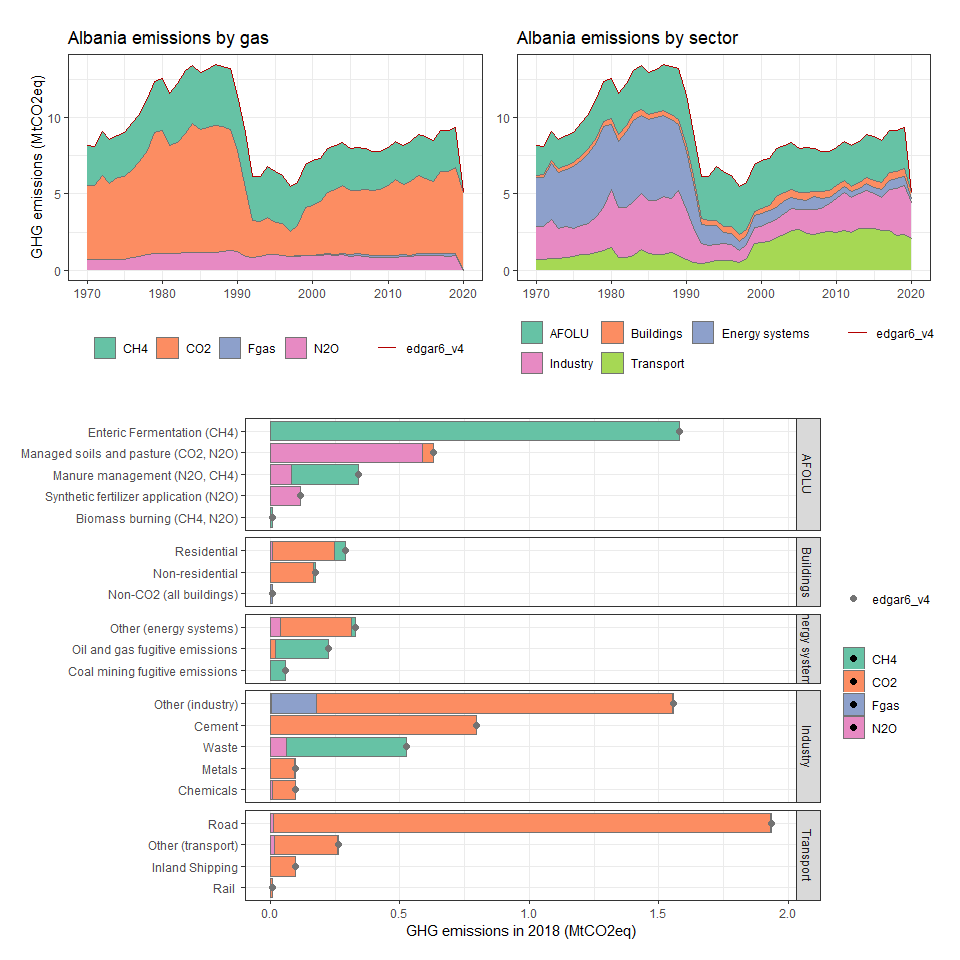
### Jamaica



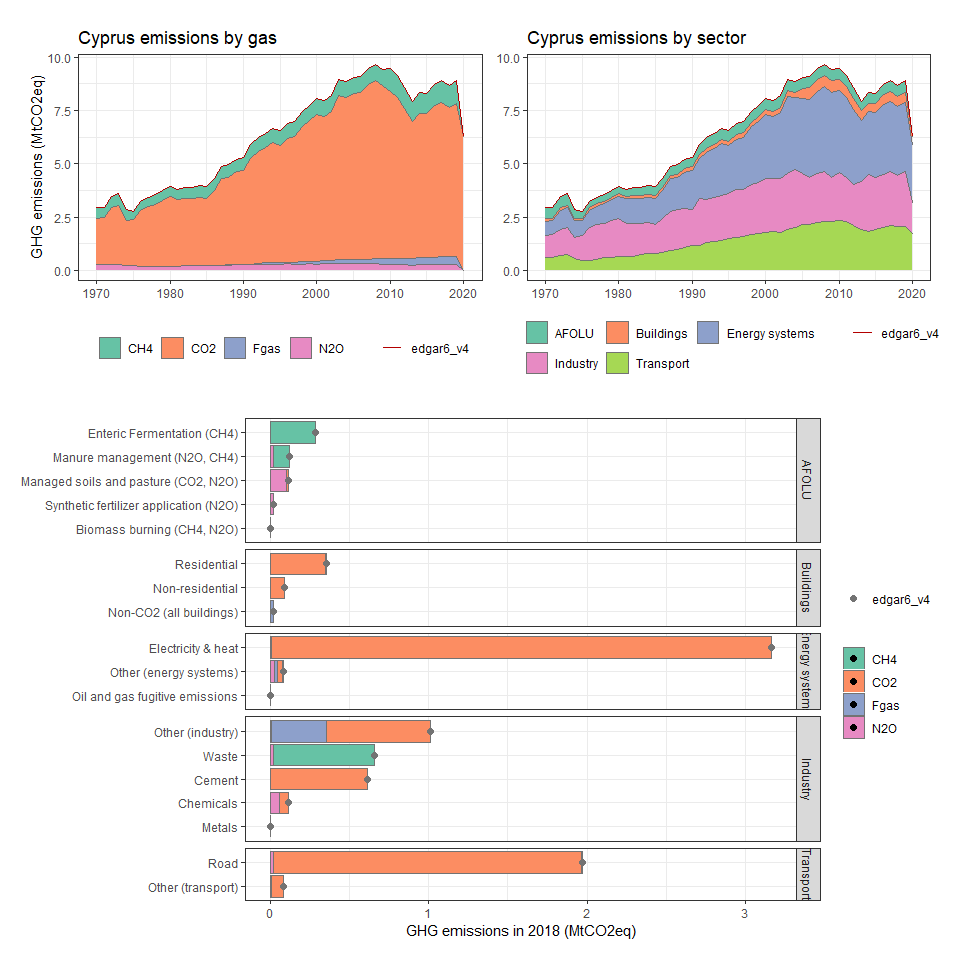
### Togo



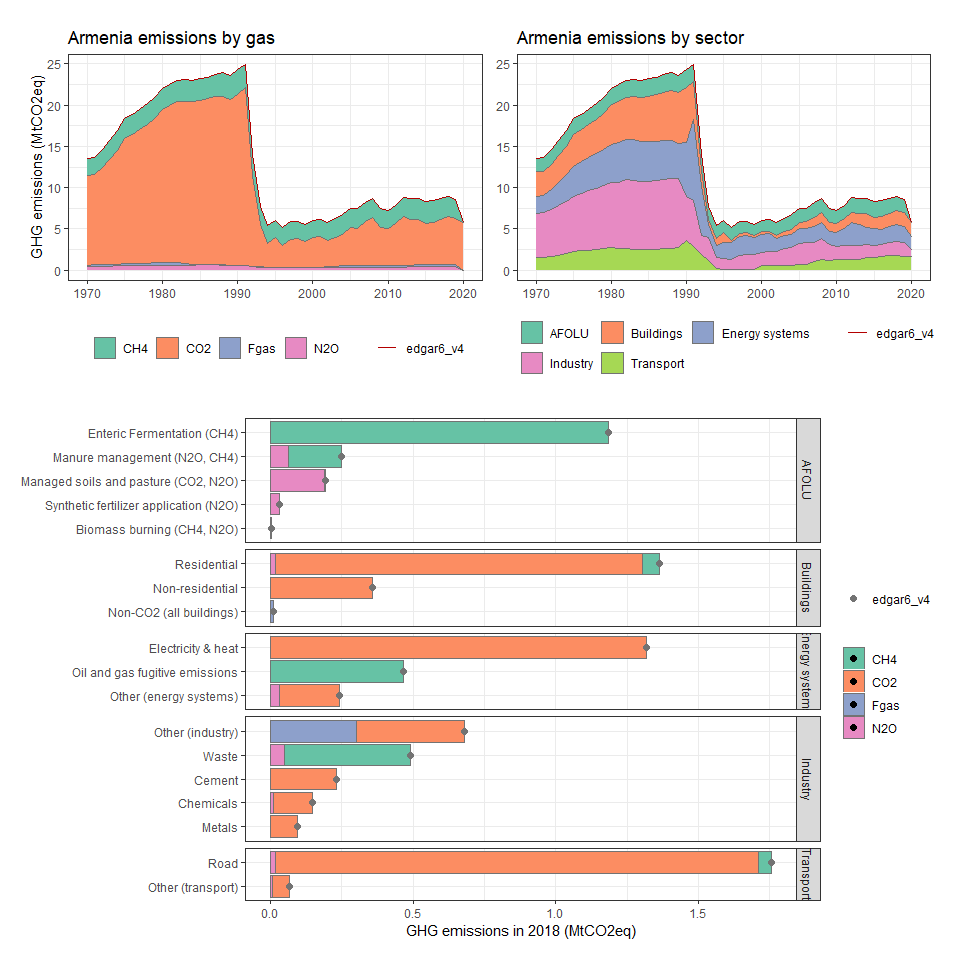
### Albania



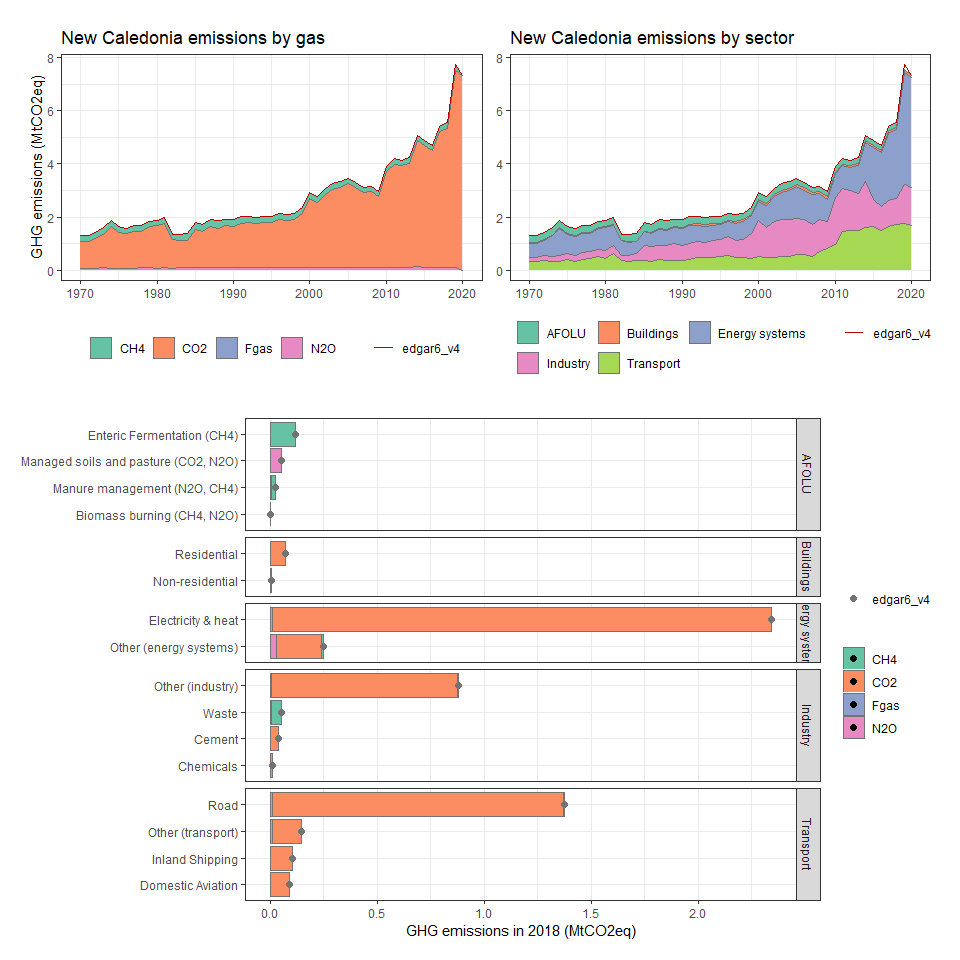
### Cyprus



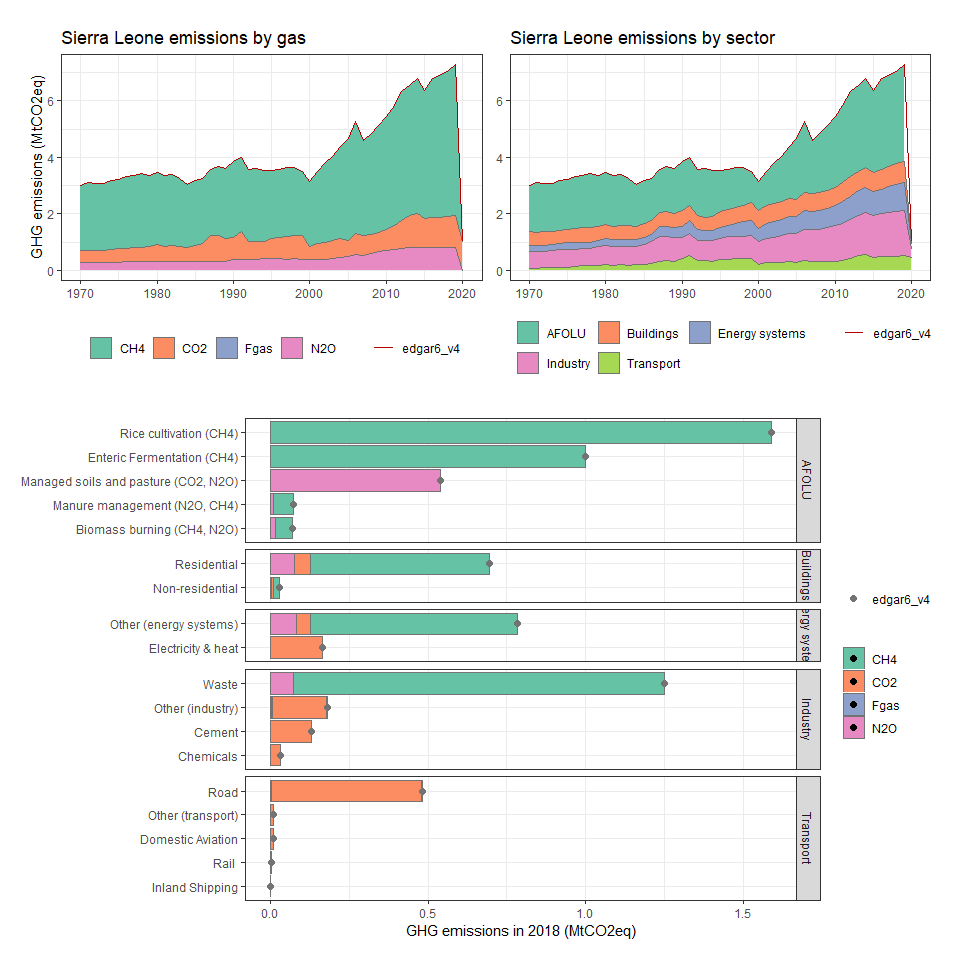
### Armenia



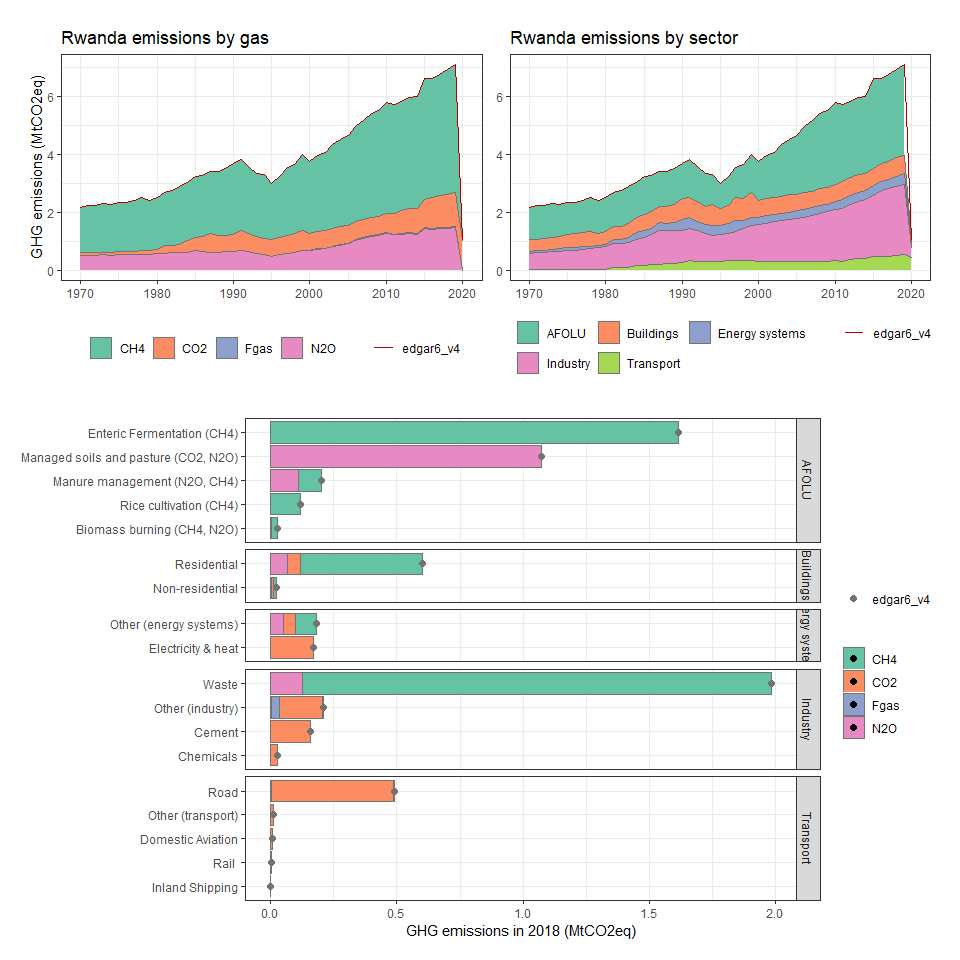
### New Caledonia



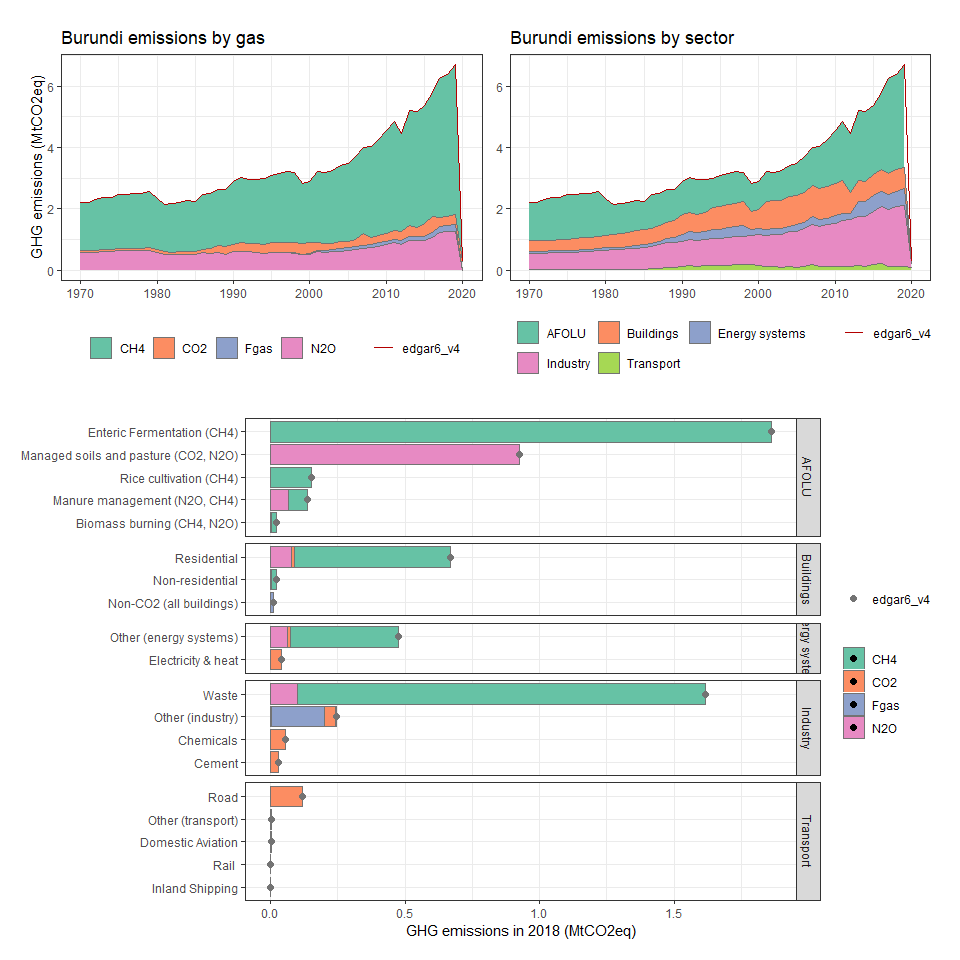
### Sierra Leone



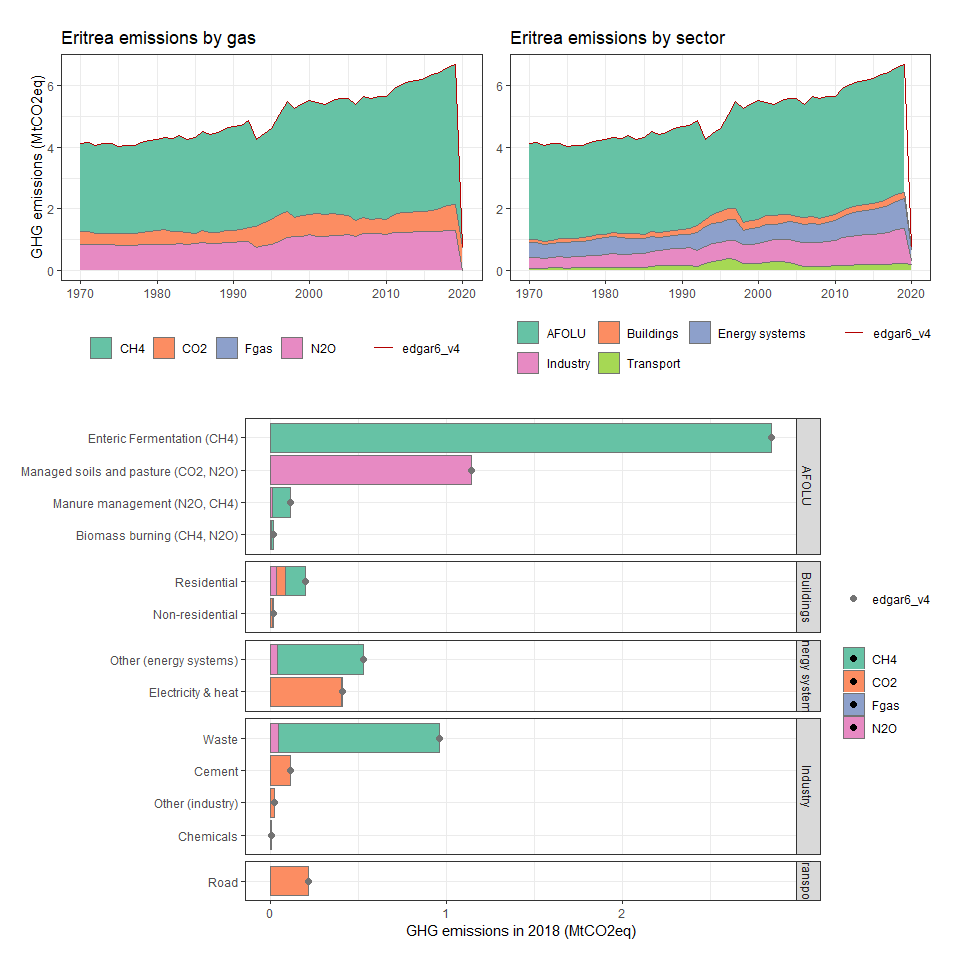
### Rwanda



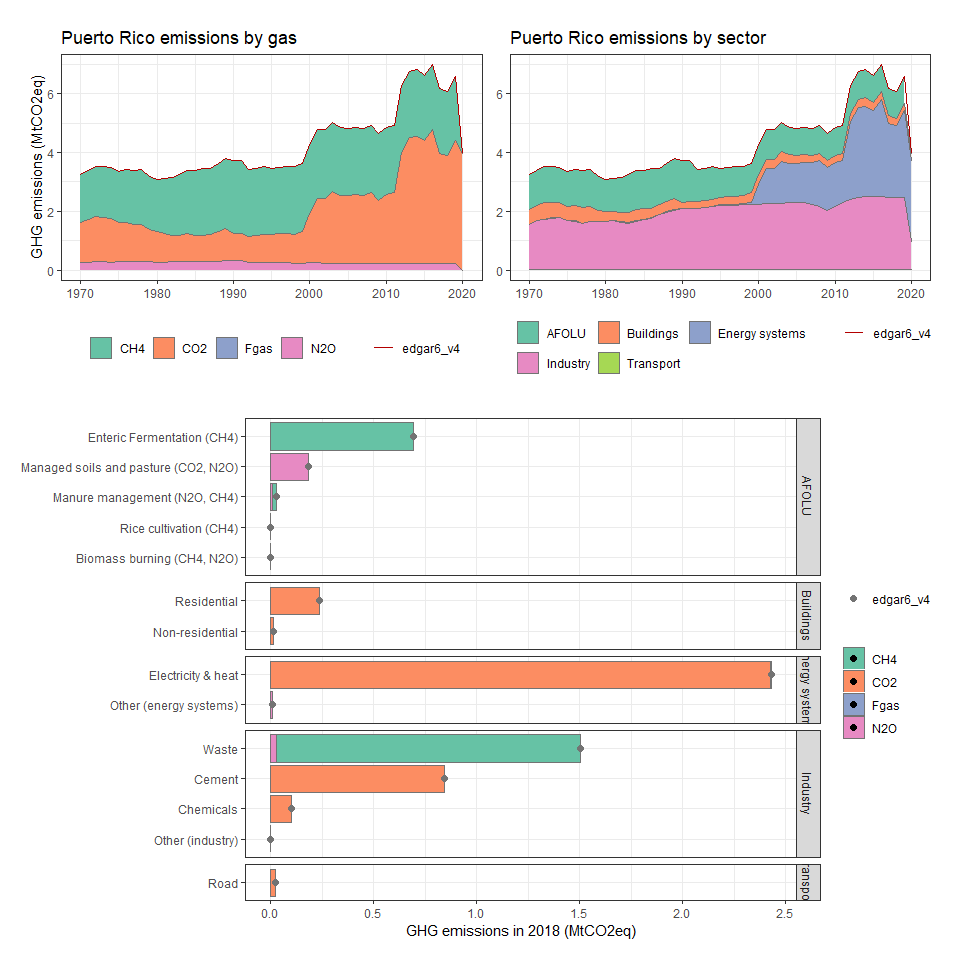
### Burundi



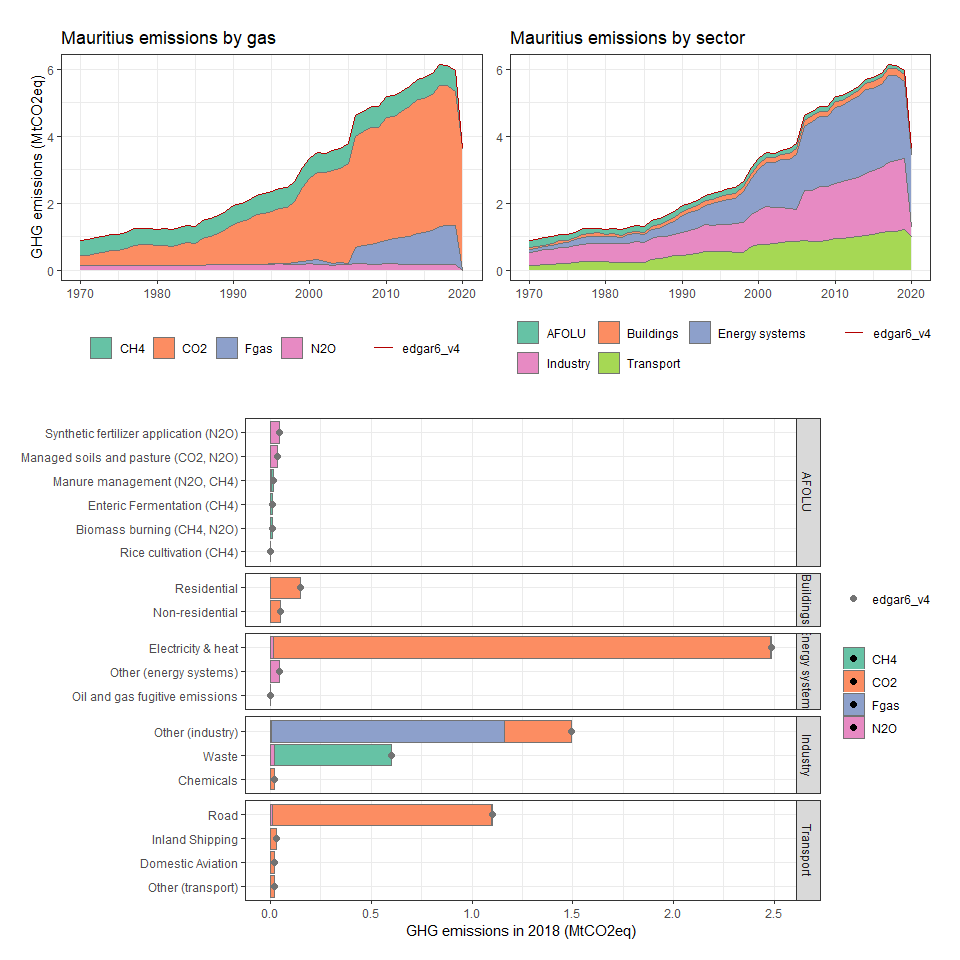
### Eritrea



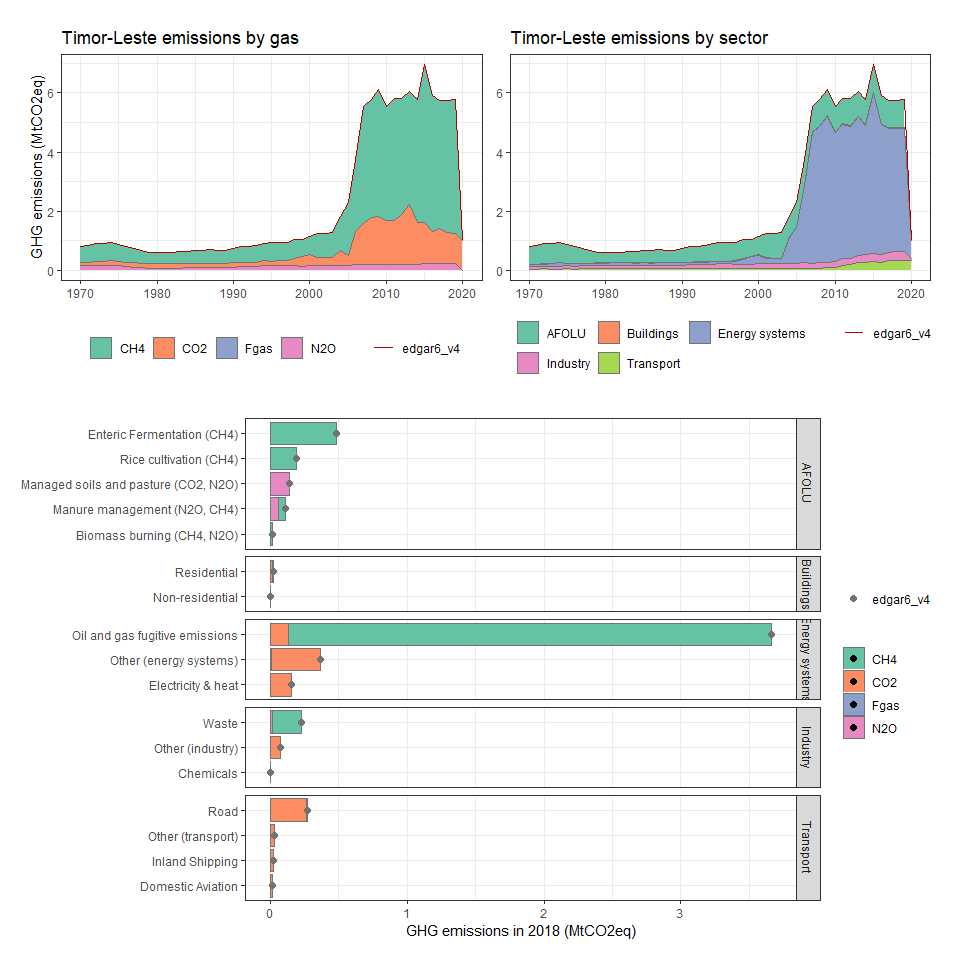
### Puerto Rico



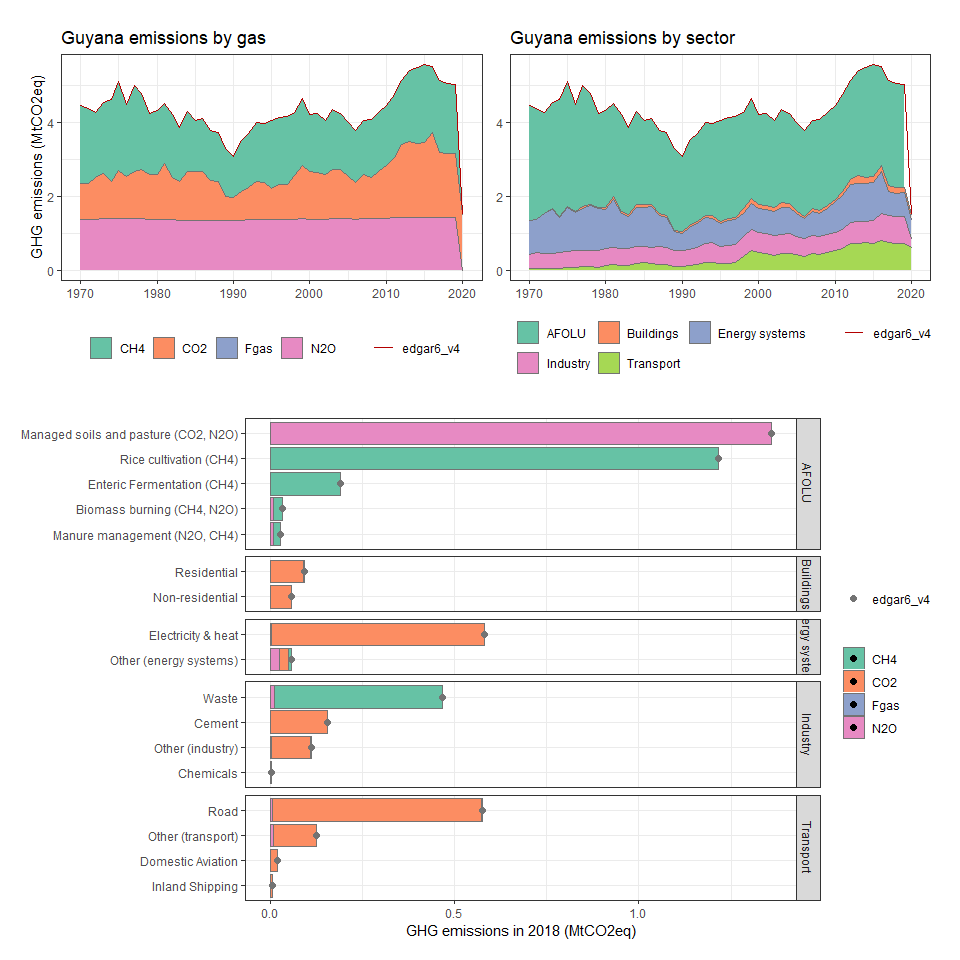
### Mauritius



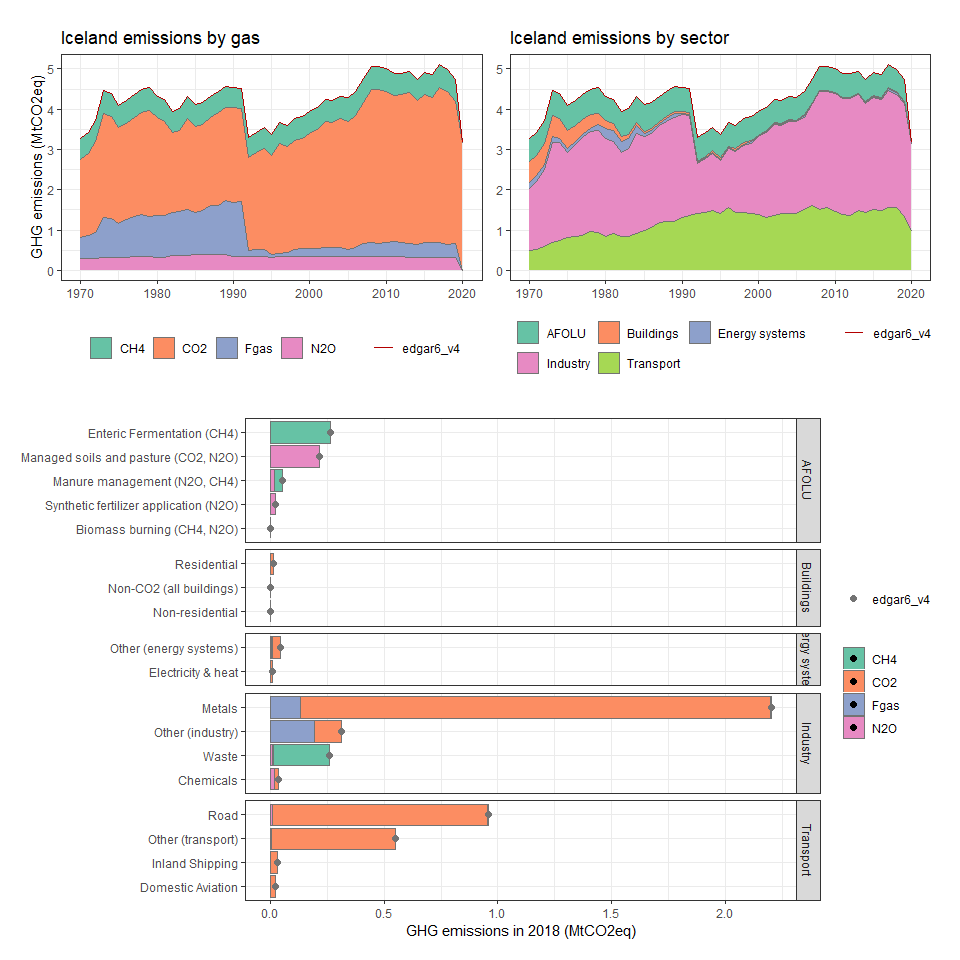
### Timor-Leste



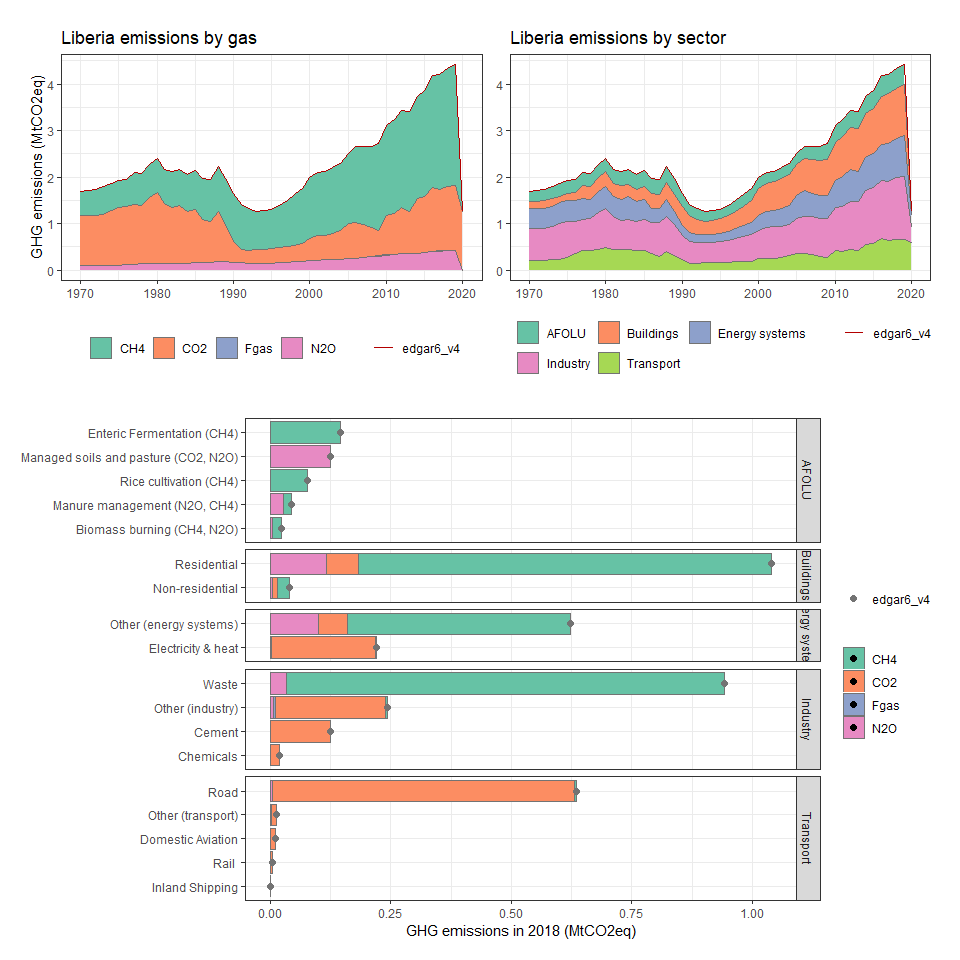
### Guyana



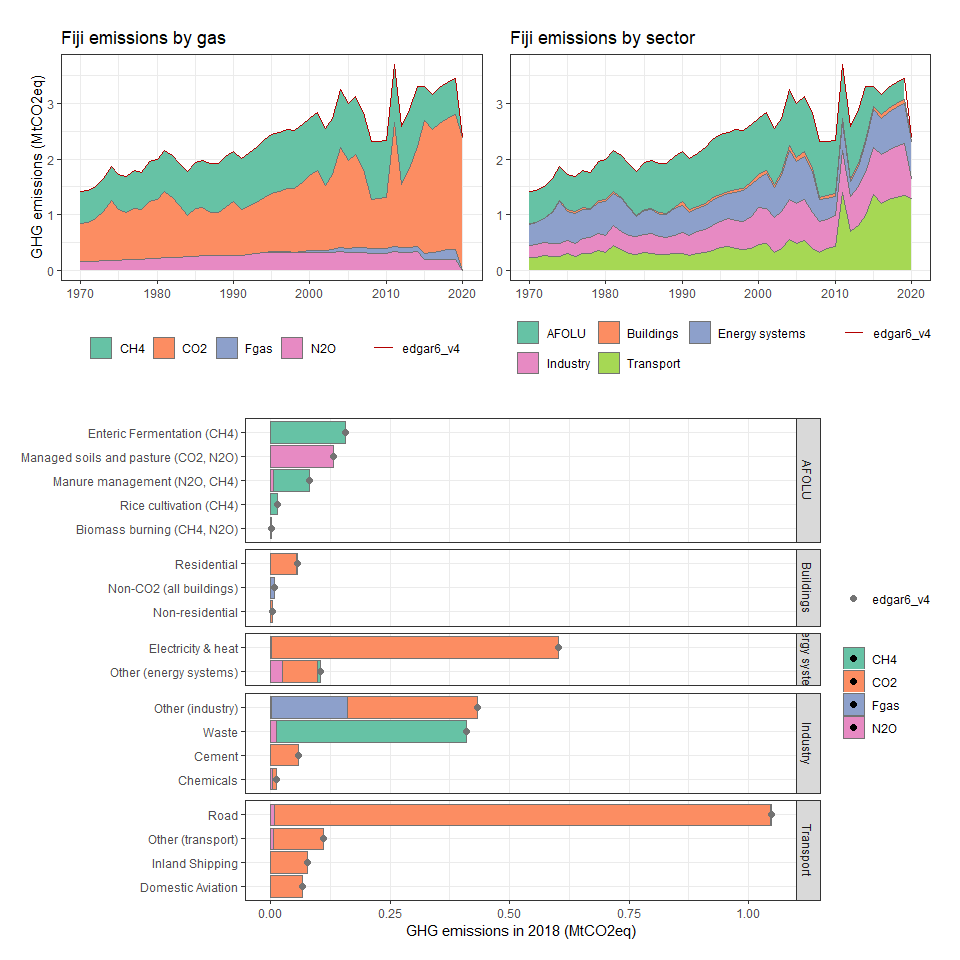
### Iceland



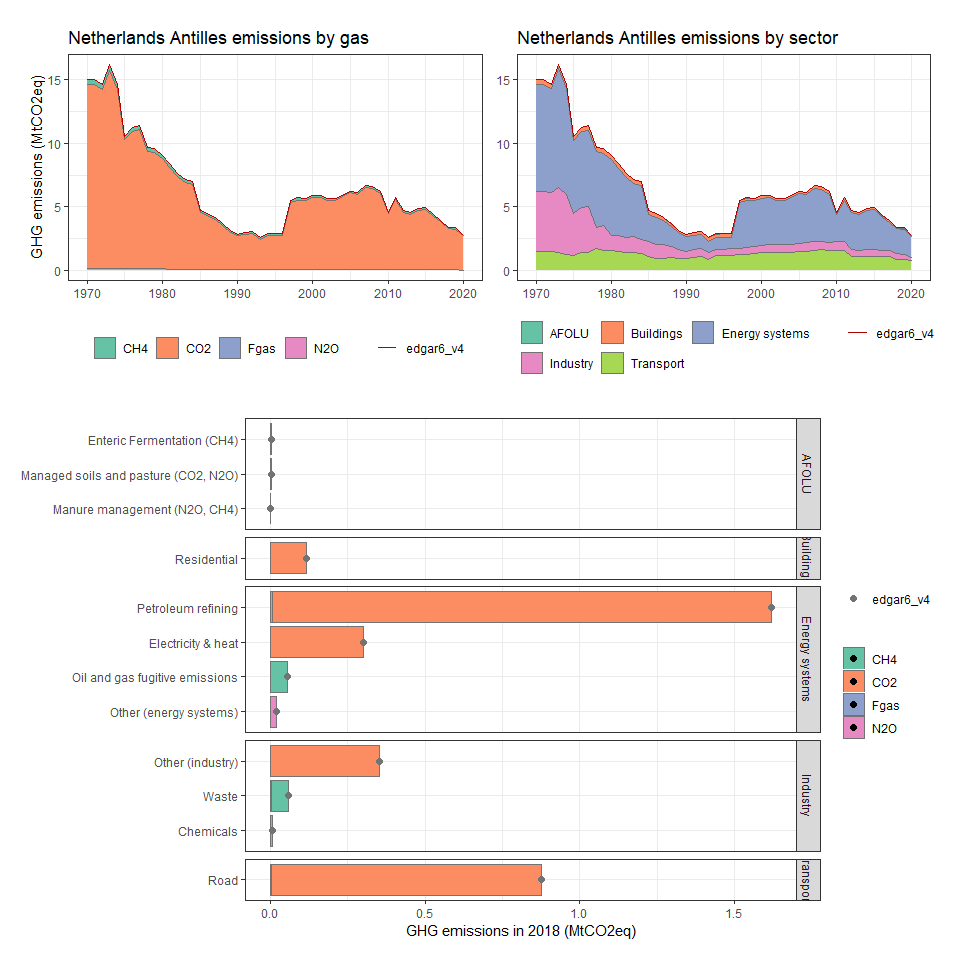
### Liberia



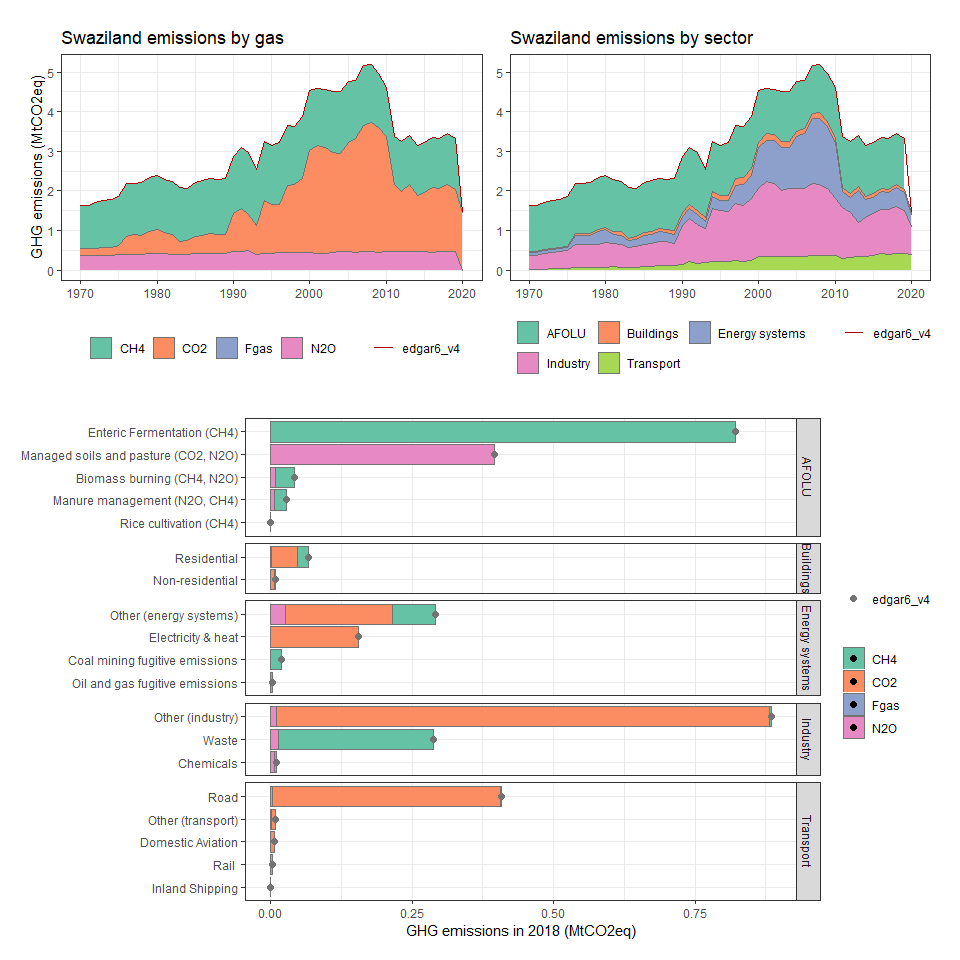
### Fiji



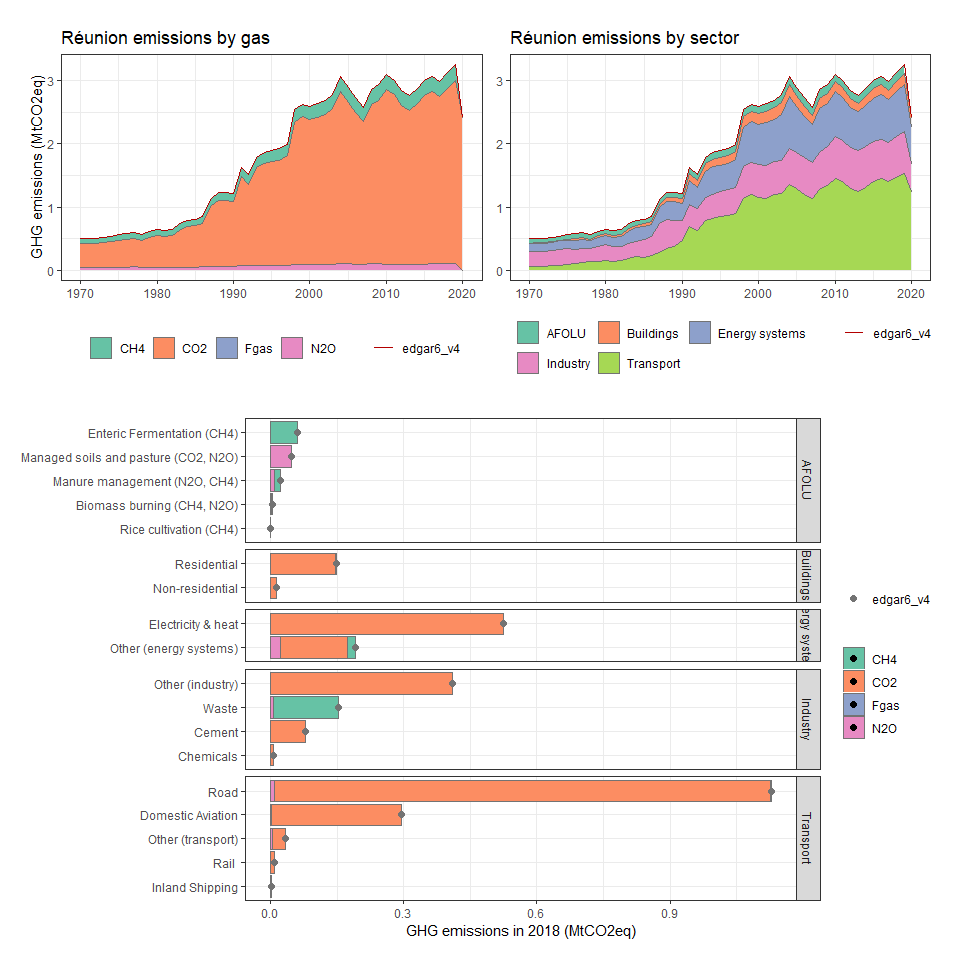
### Netherlands Antilles



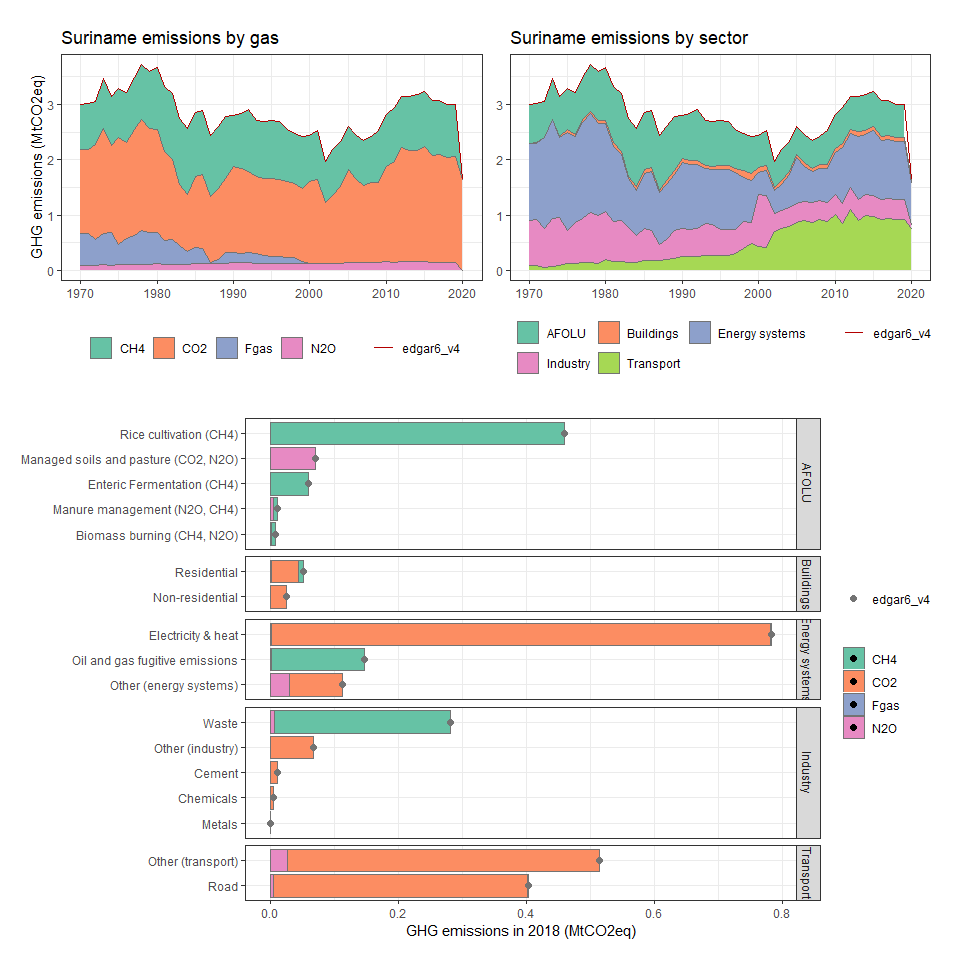
### Swaziland



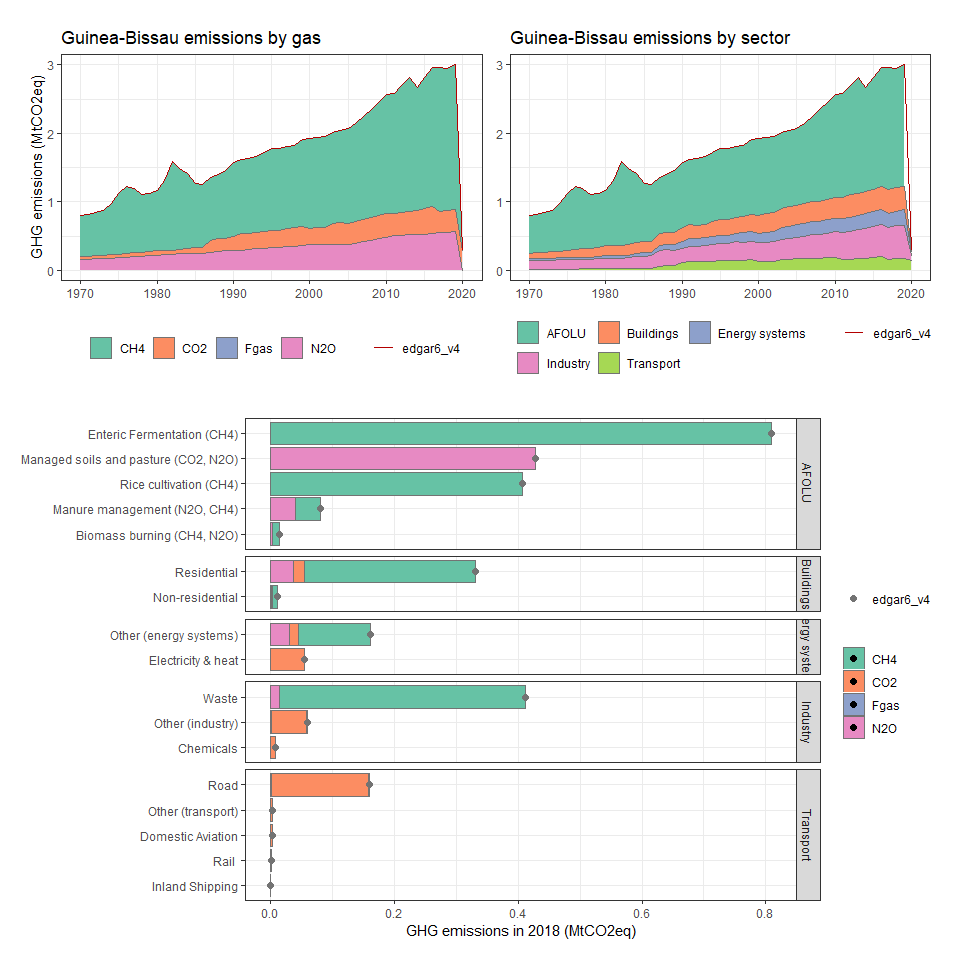
### Réunion



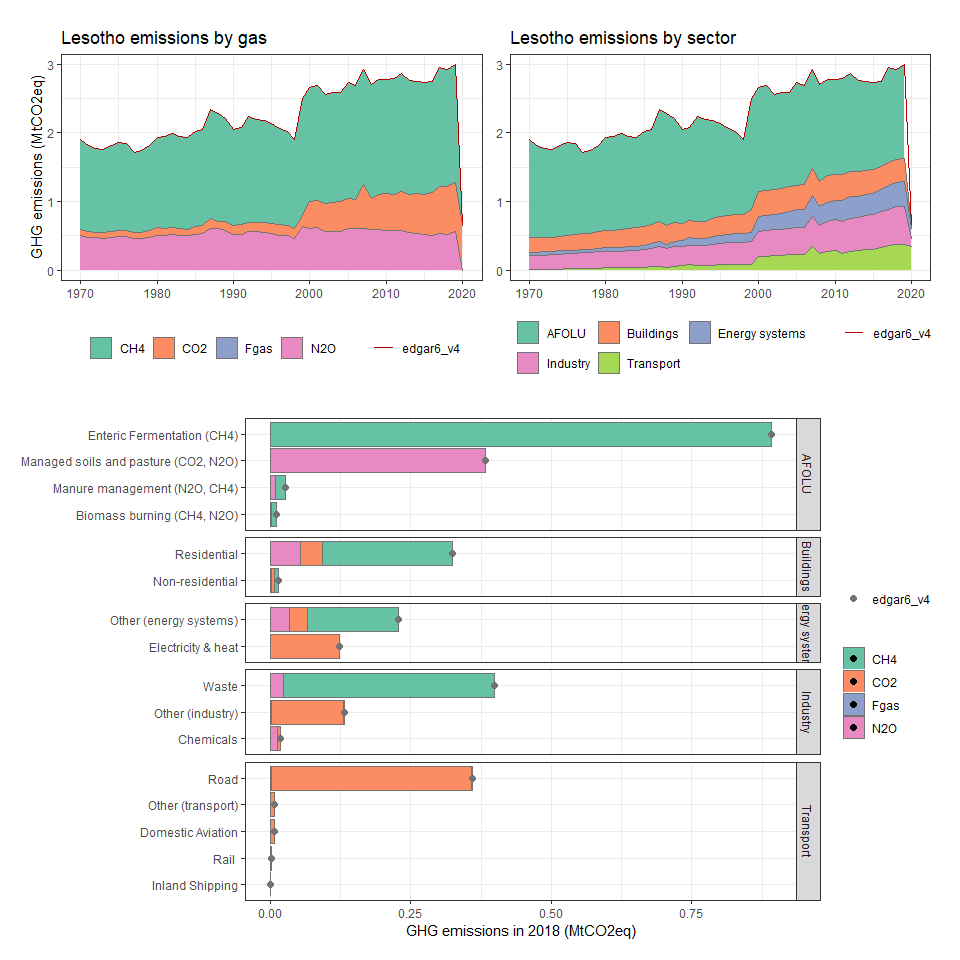
### Suriname



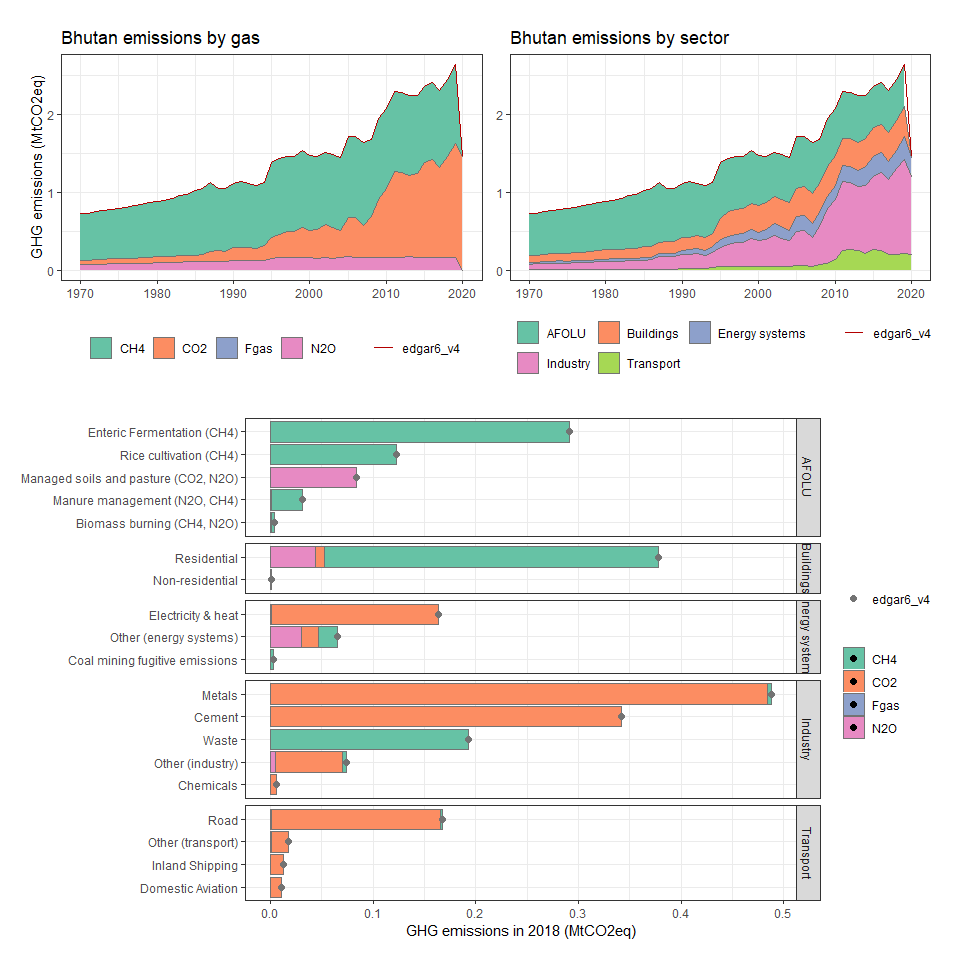
### Guinea-Bissau



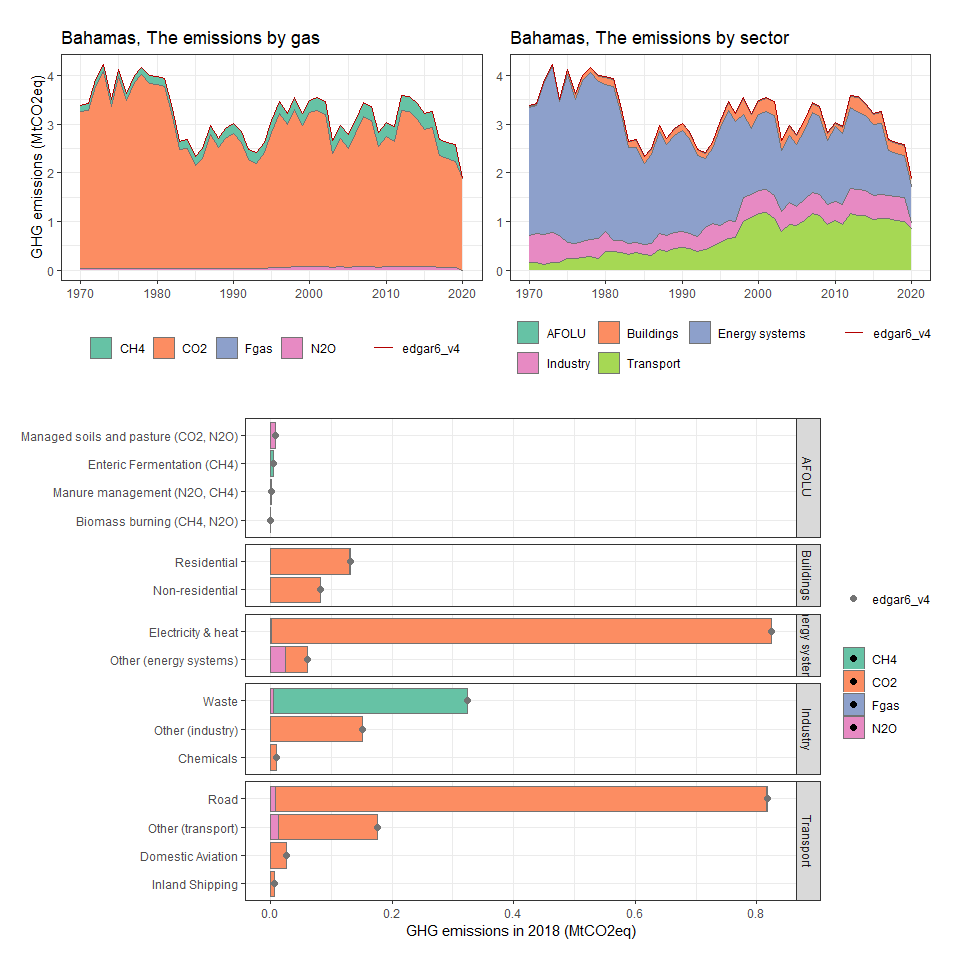
### Lesotho



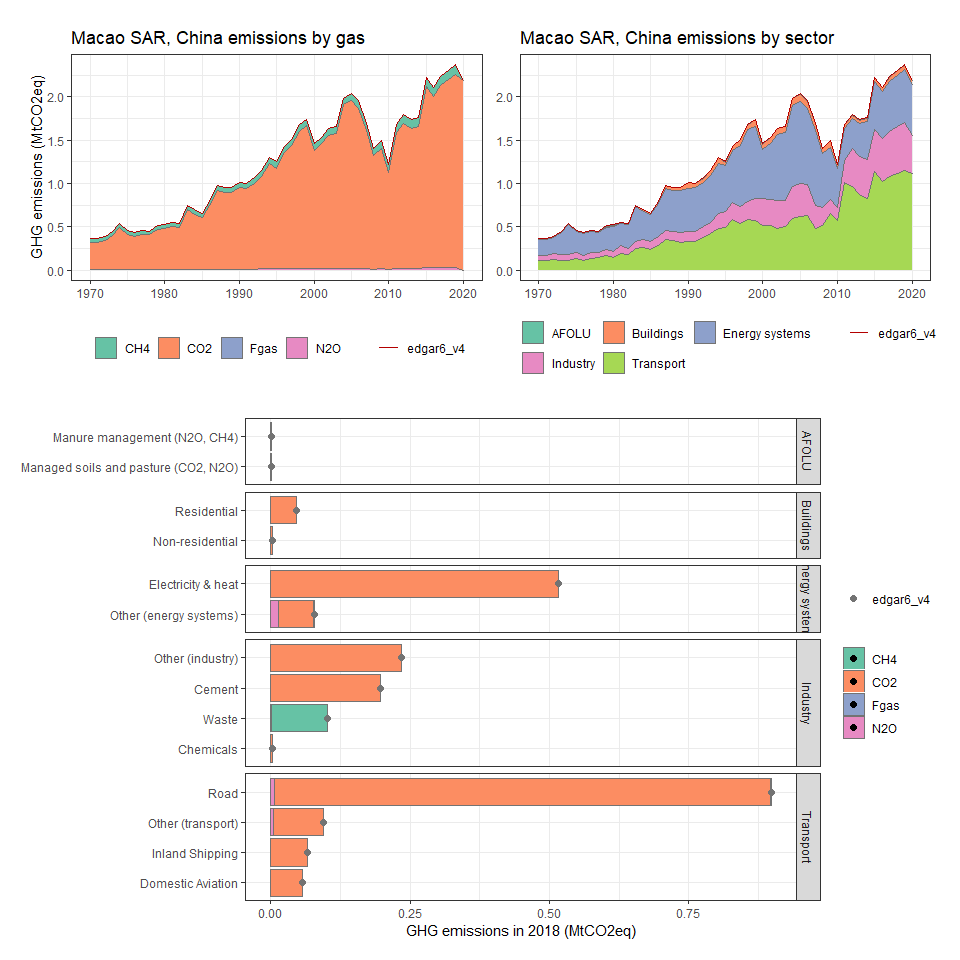
### Bhutan



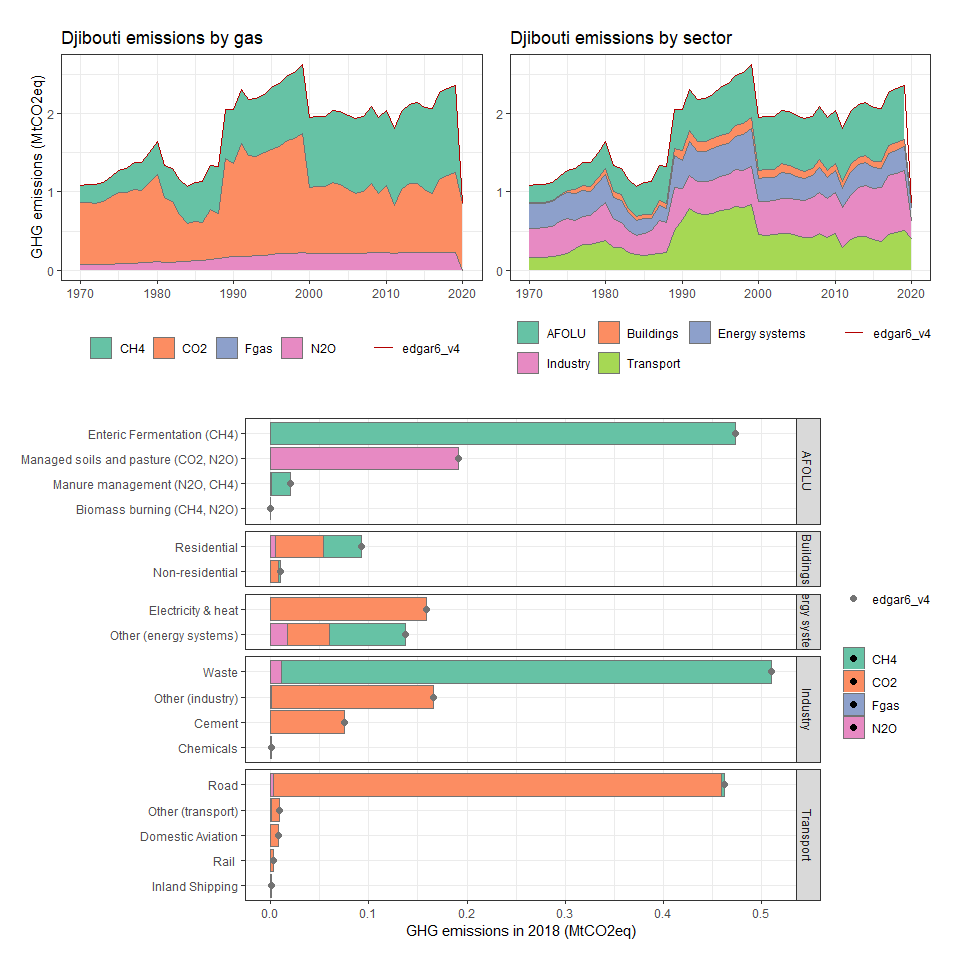
### Bahamas, The



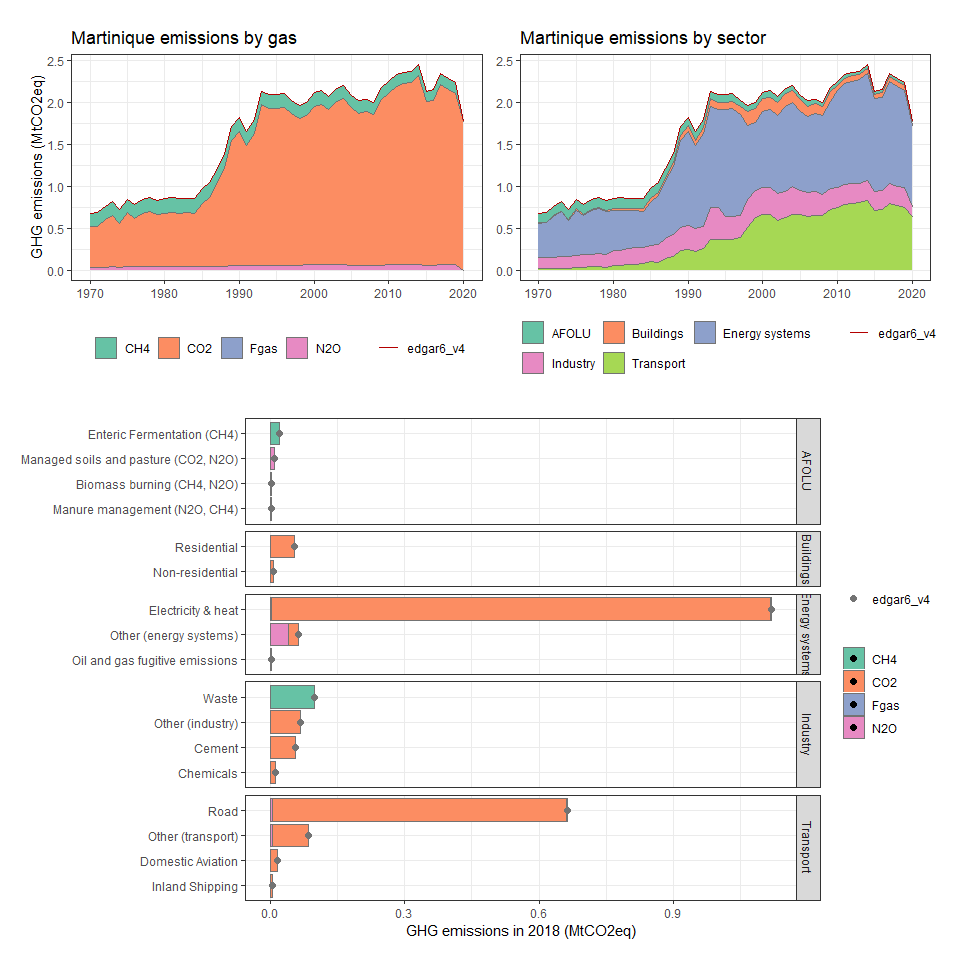
### Macao SAR, China



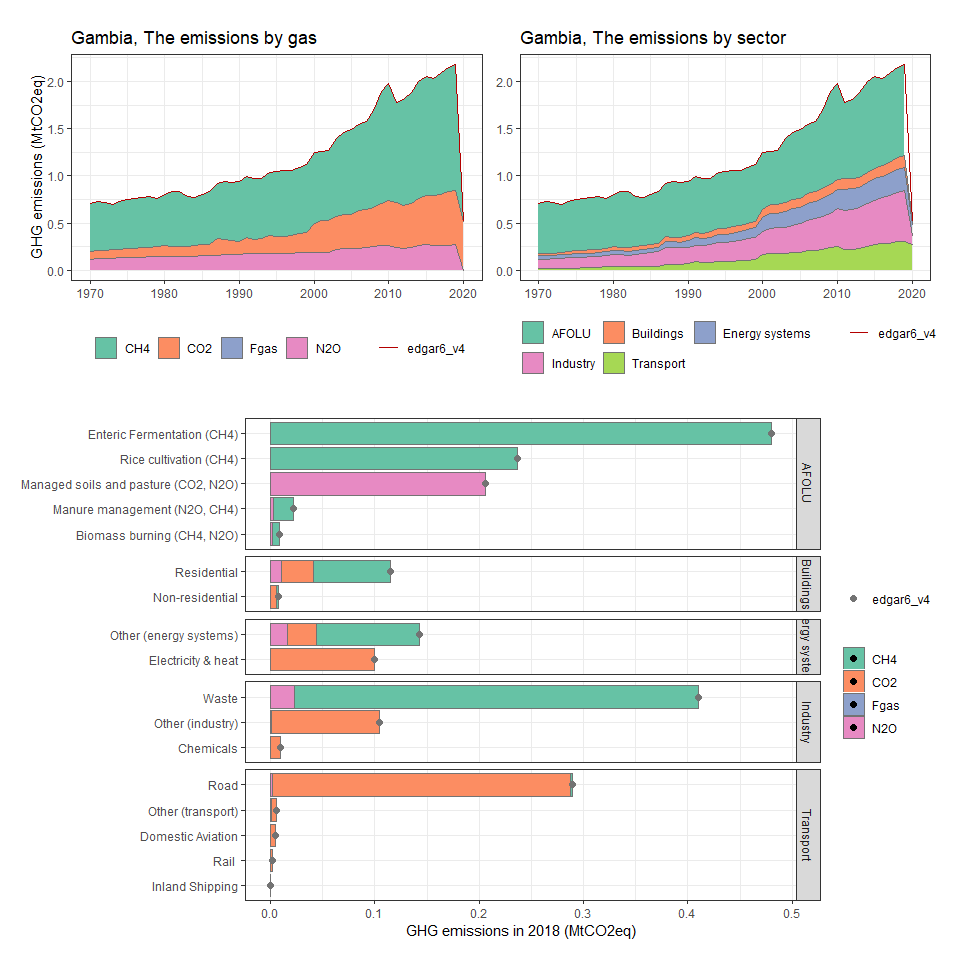
### Djibouti



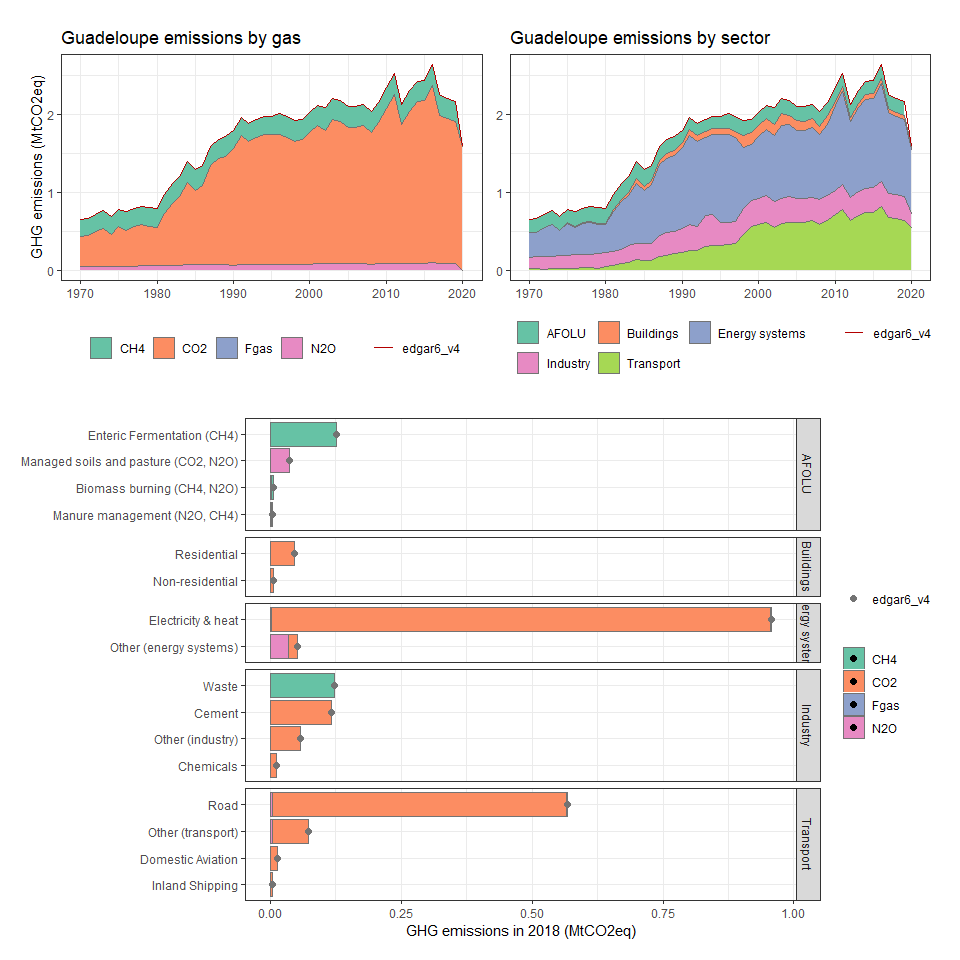
### Martinique



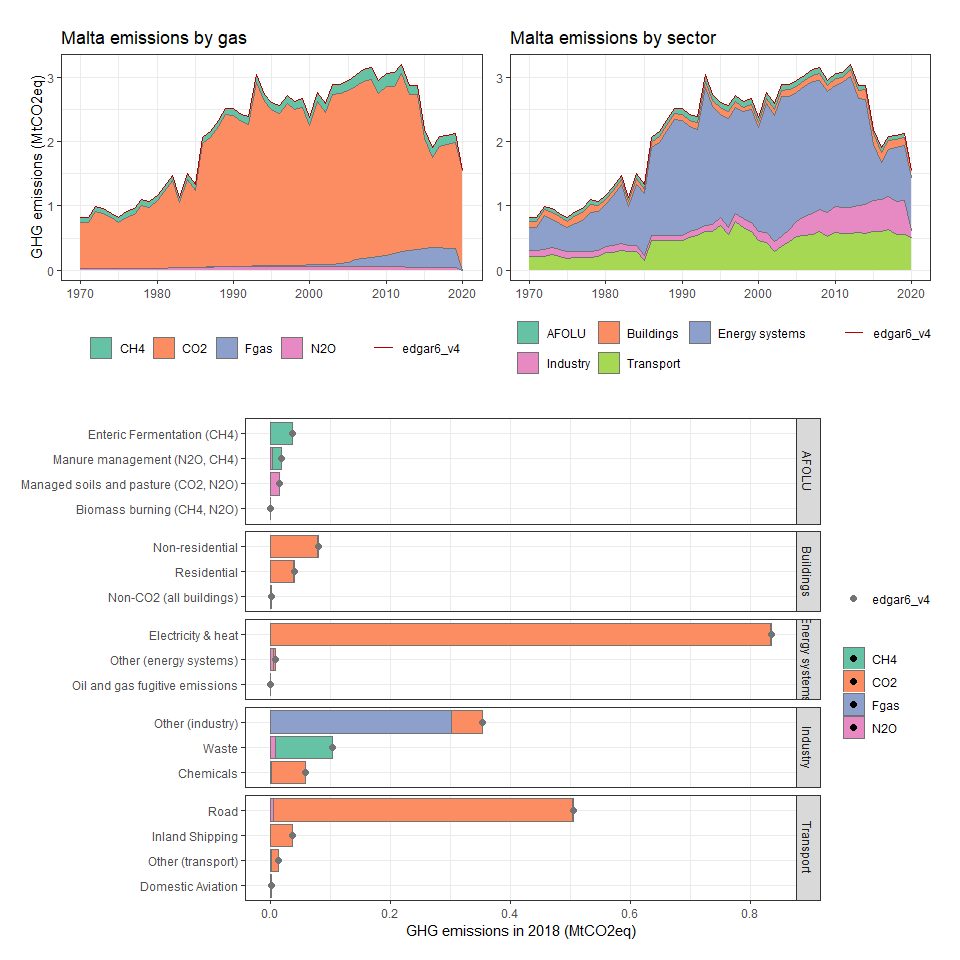
### Gambia, The



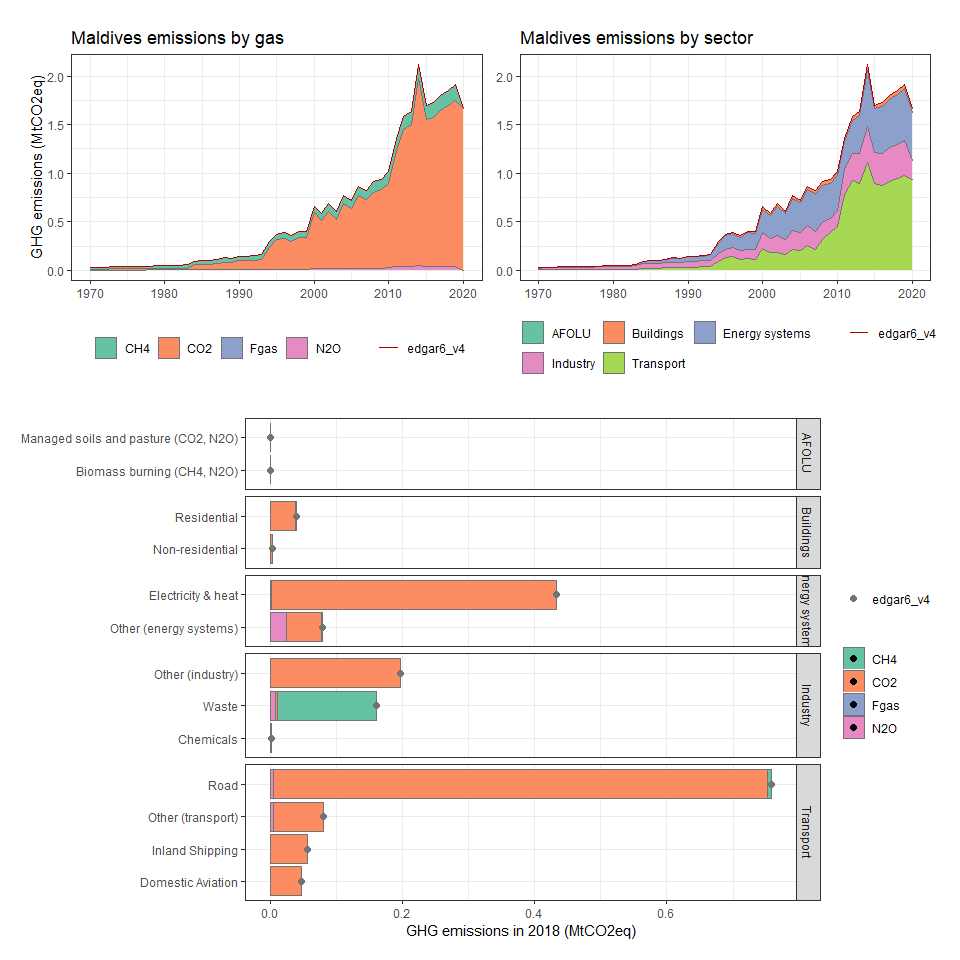
### Guadeloupe



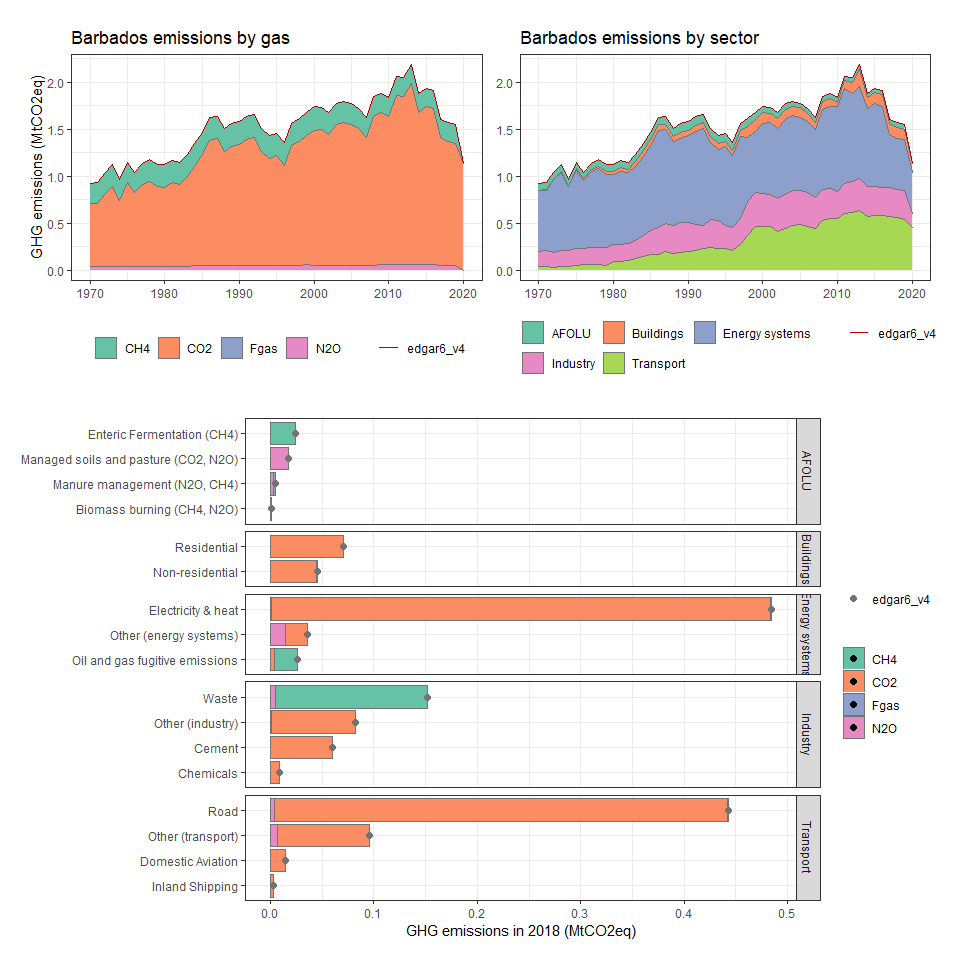
### Malta



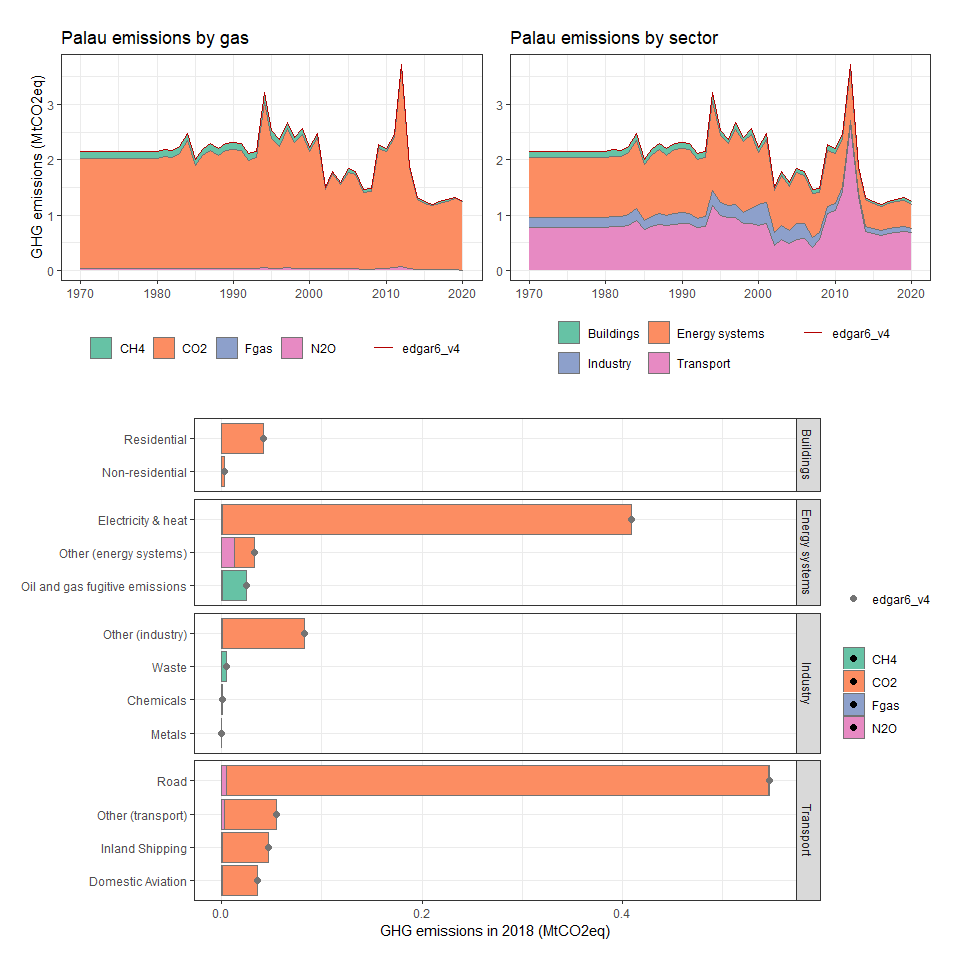
### Maldives



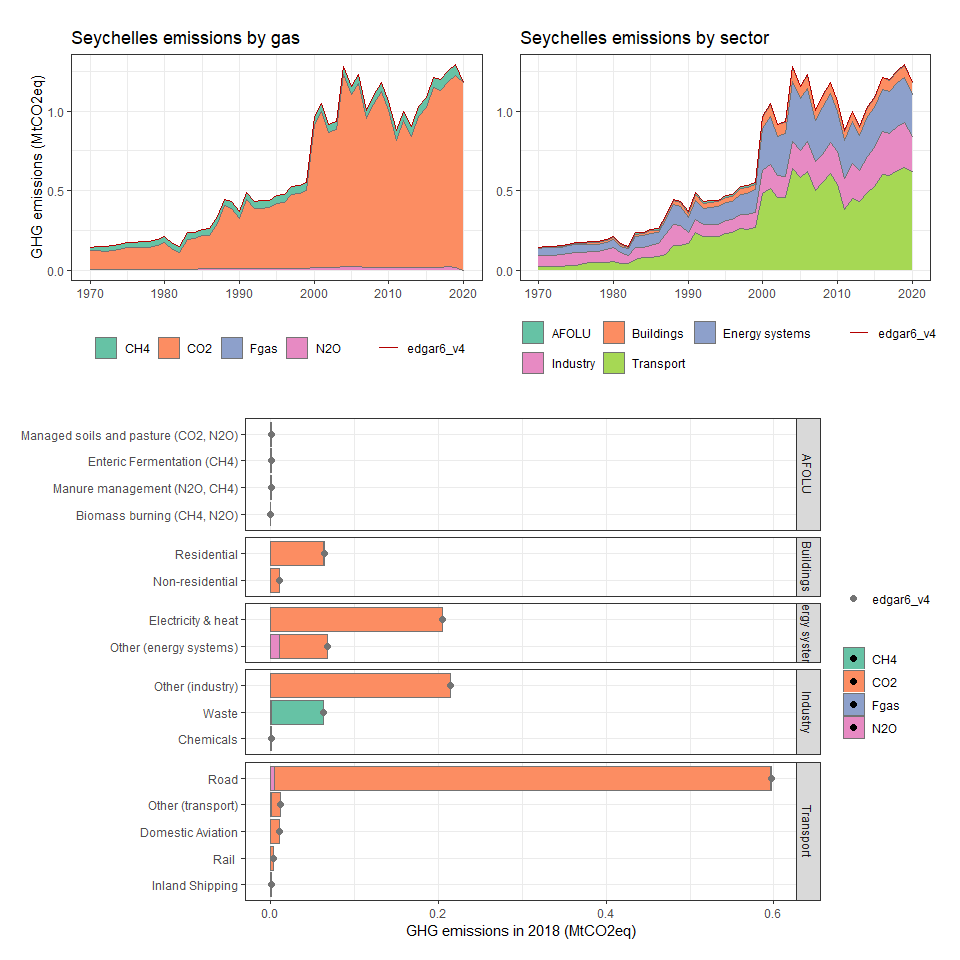
### Barbados



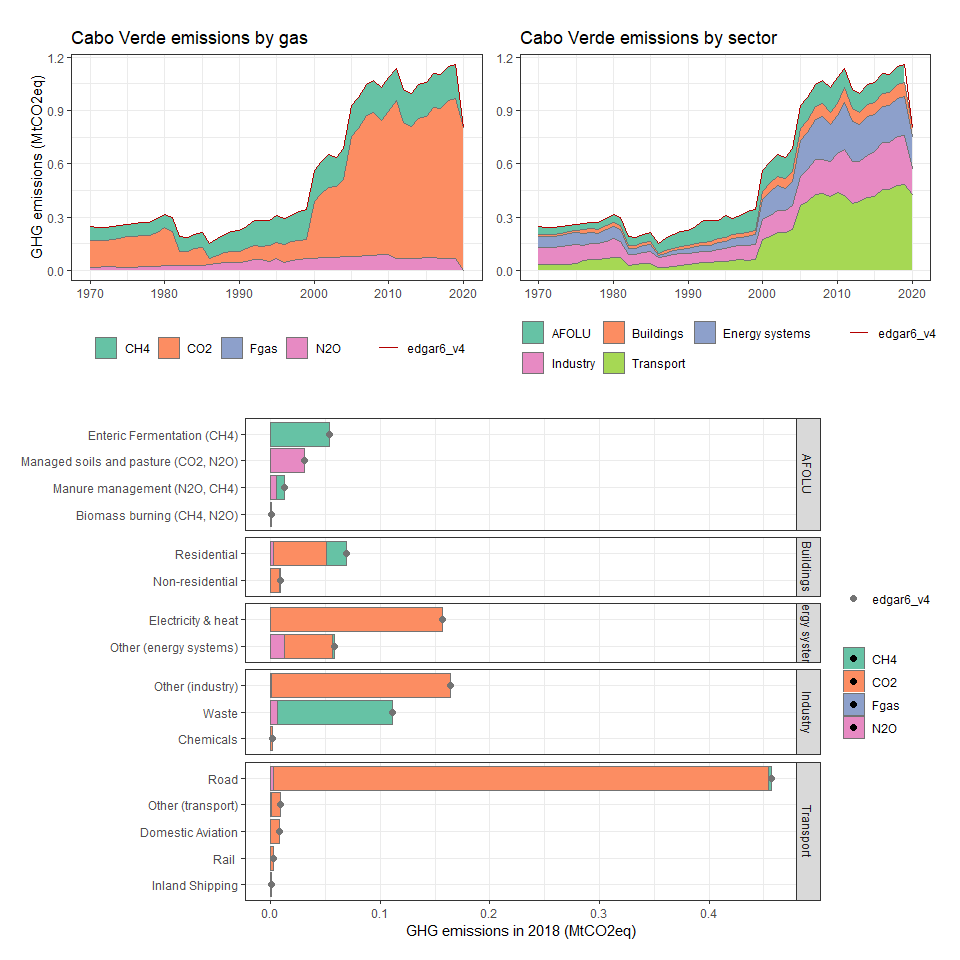
### Palau



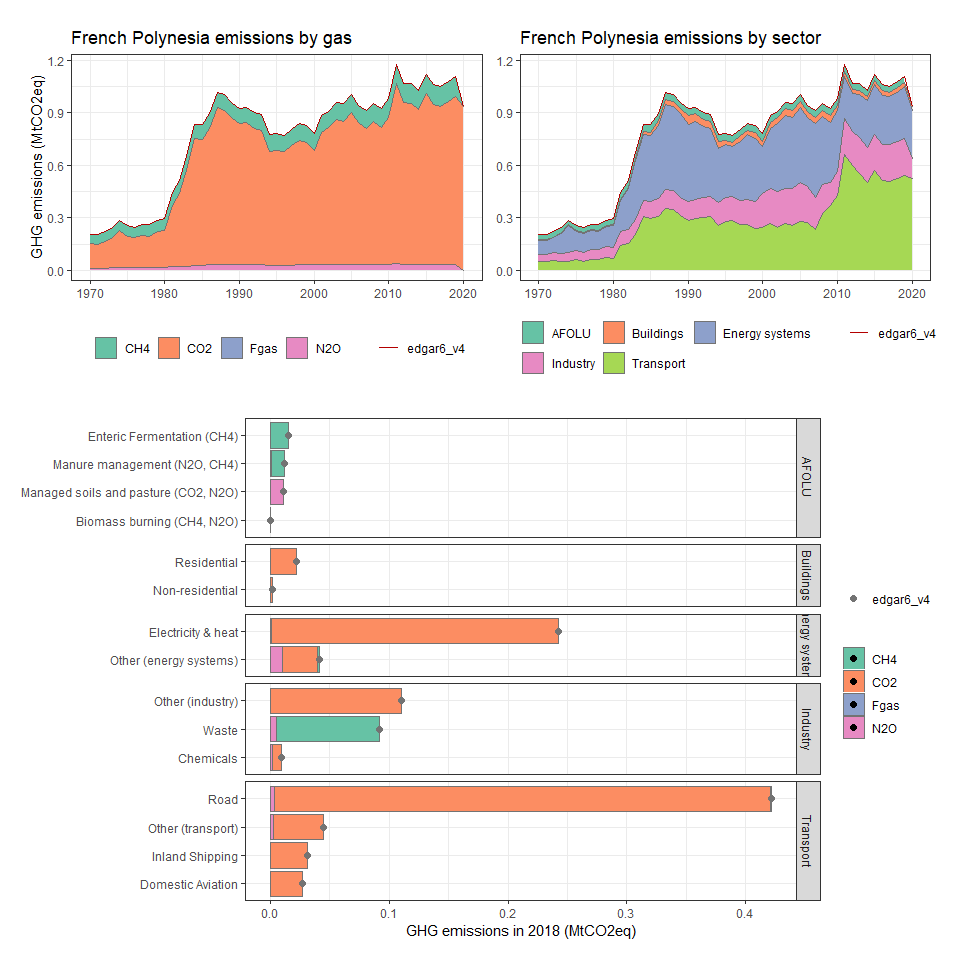
### Seychelles



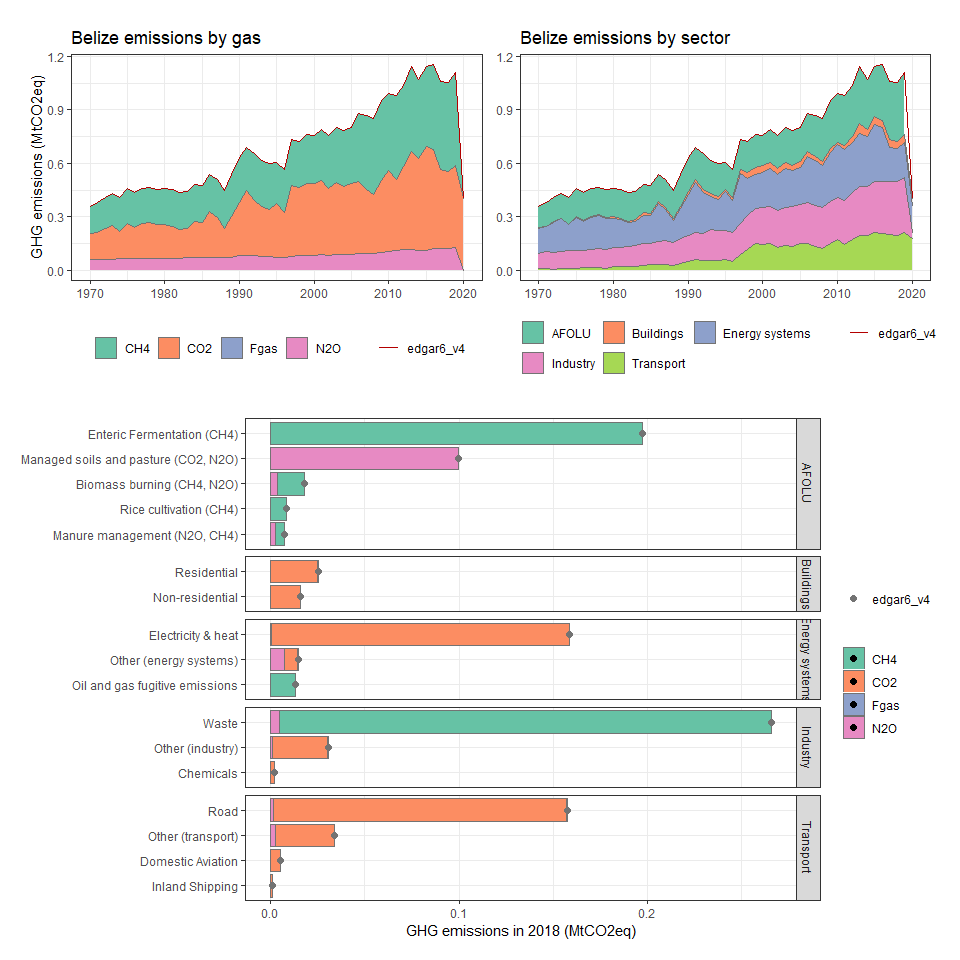
### Cabo Verde



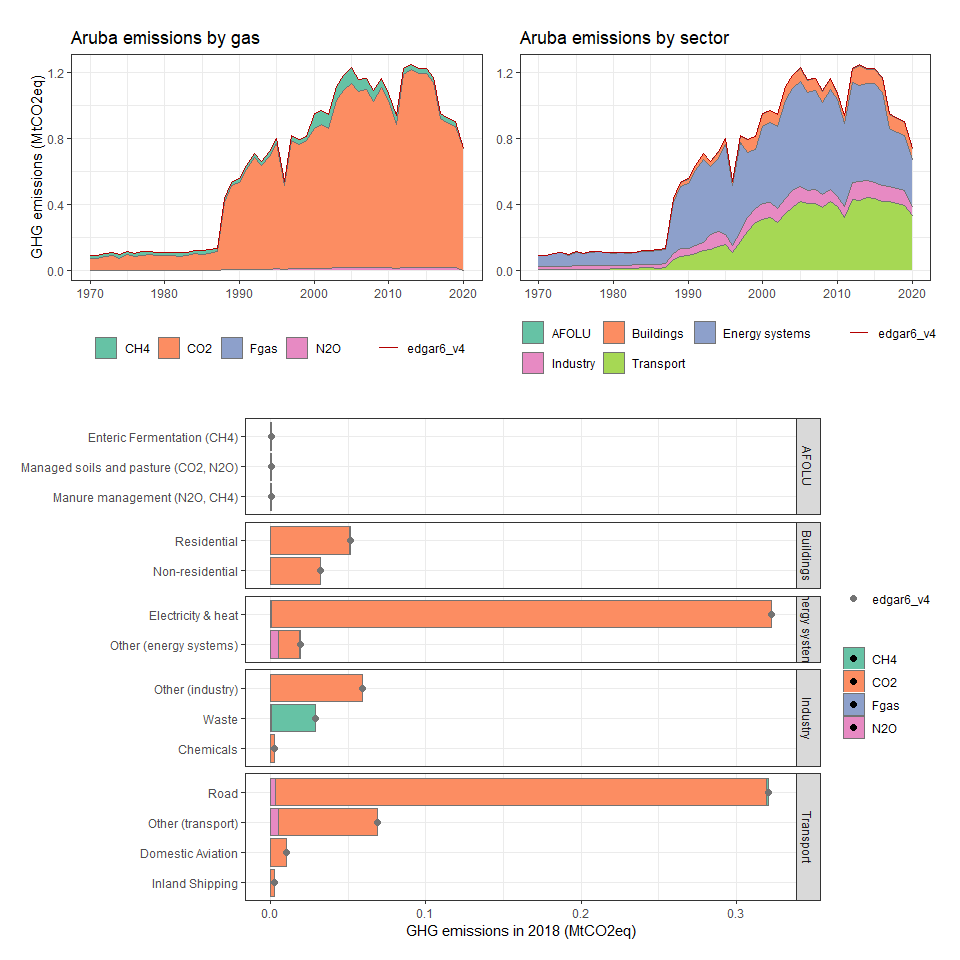
### French Polynesia



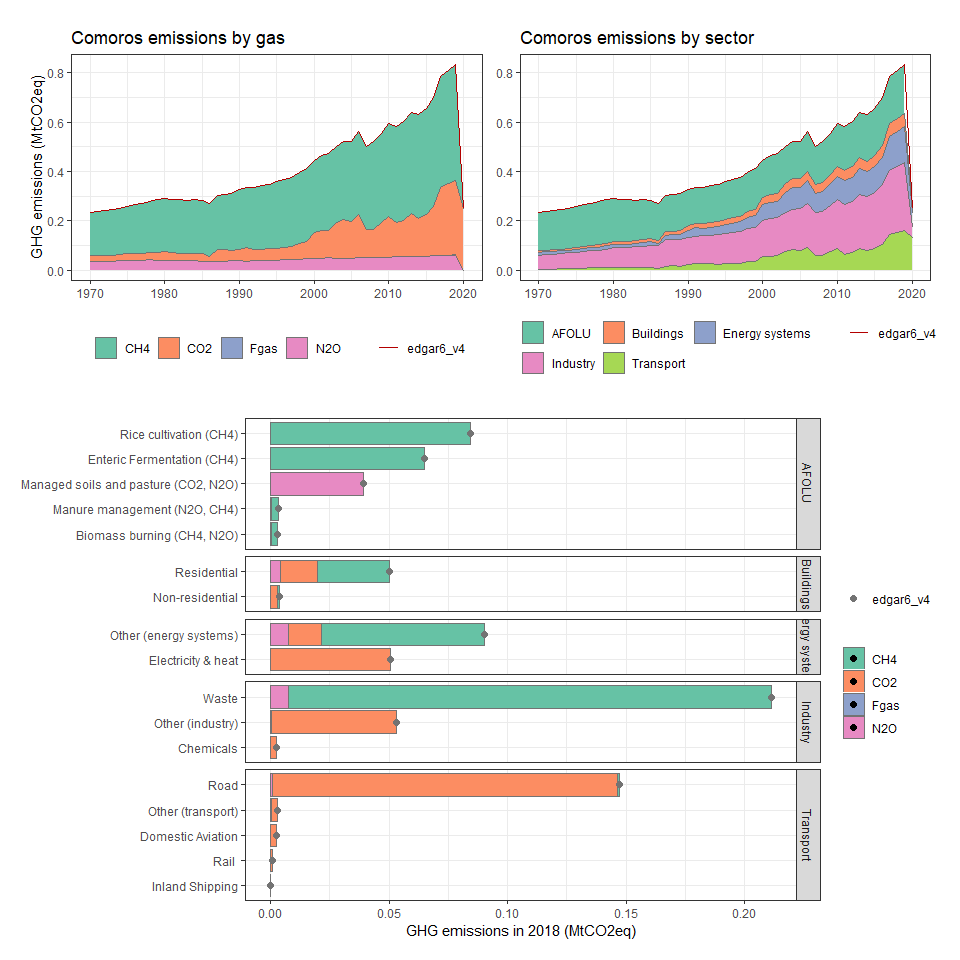
### Belize



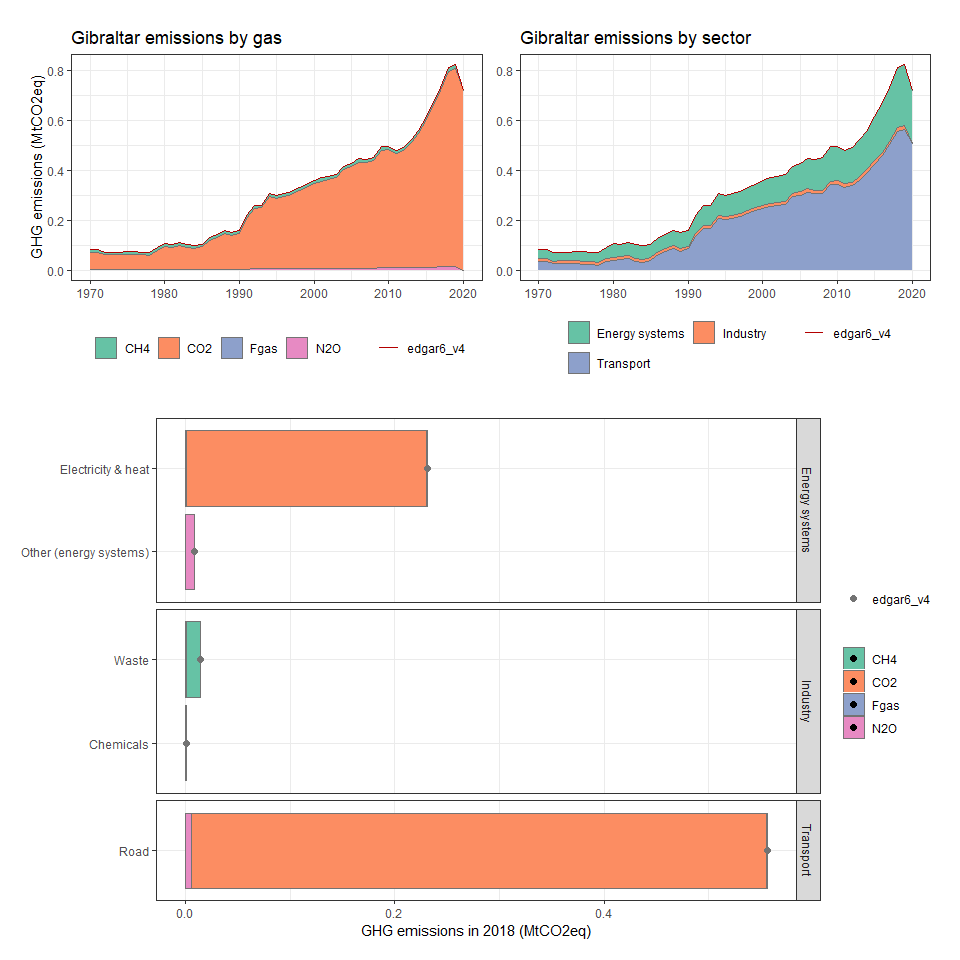
### Aruba



### Comoros



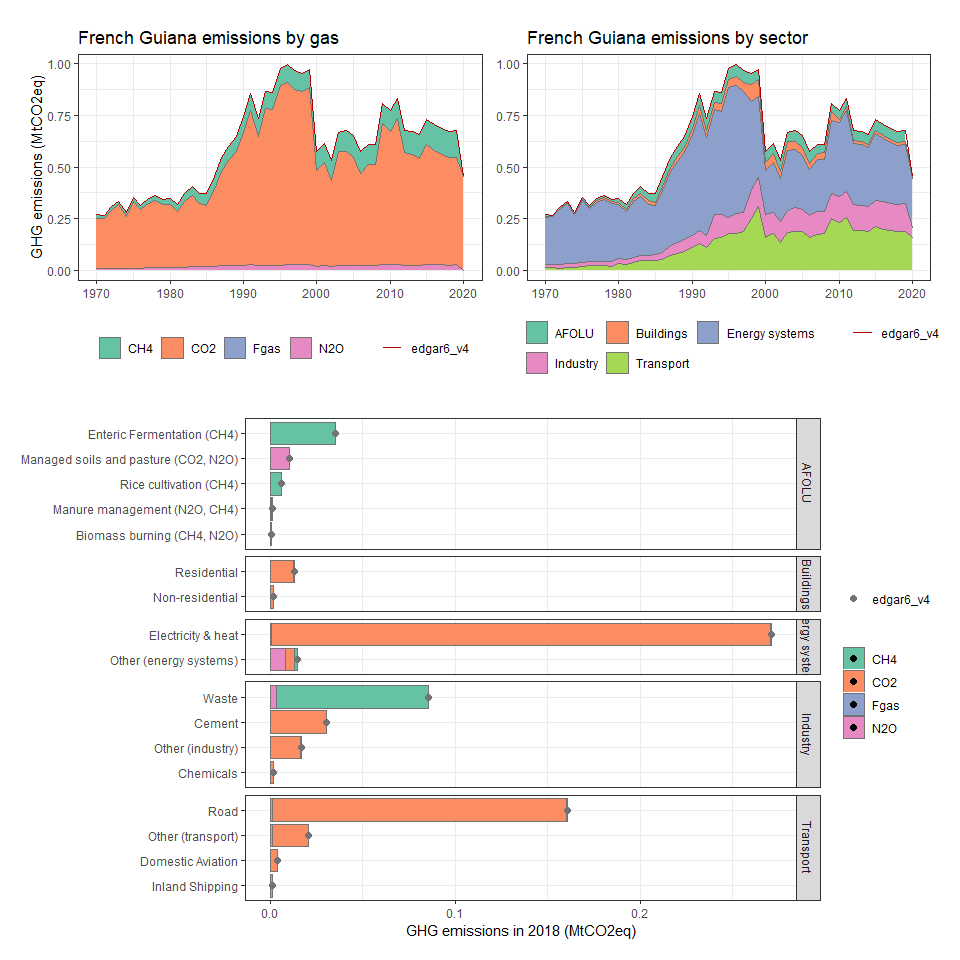
### Gibraltar



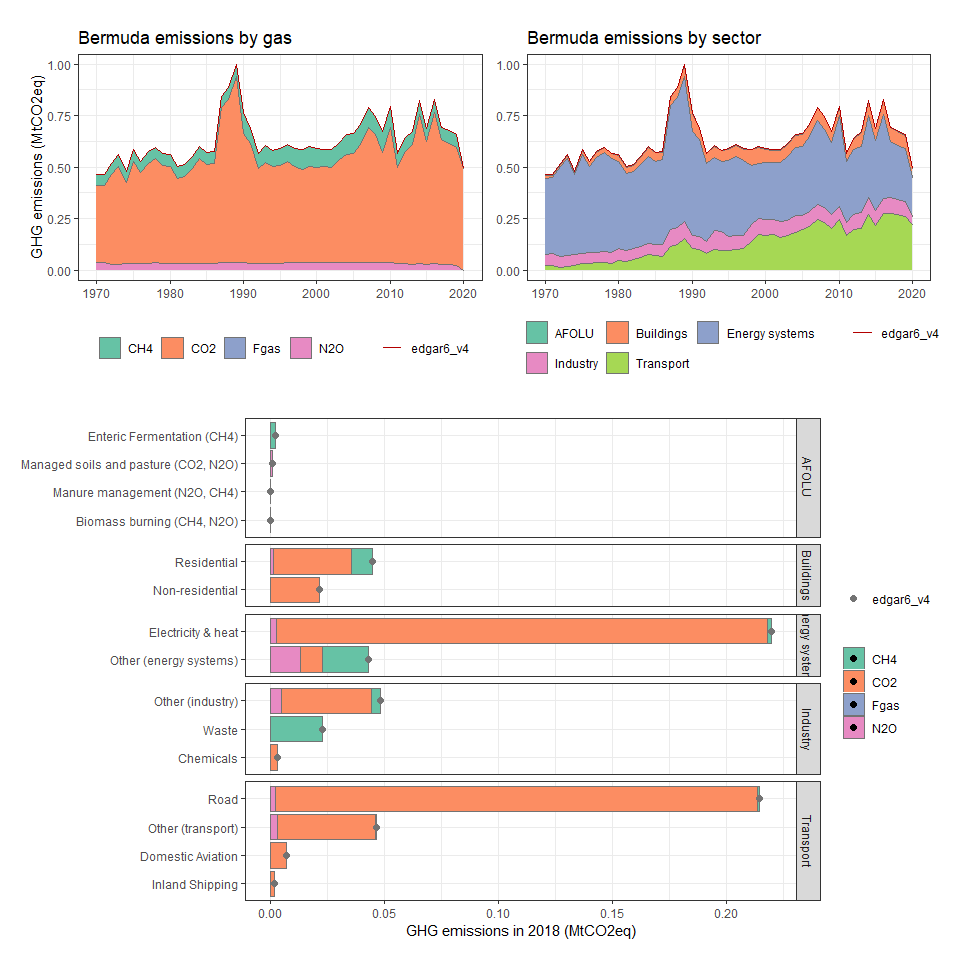
### Vanuatu



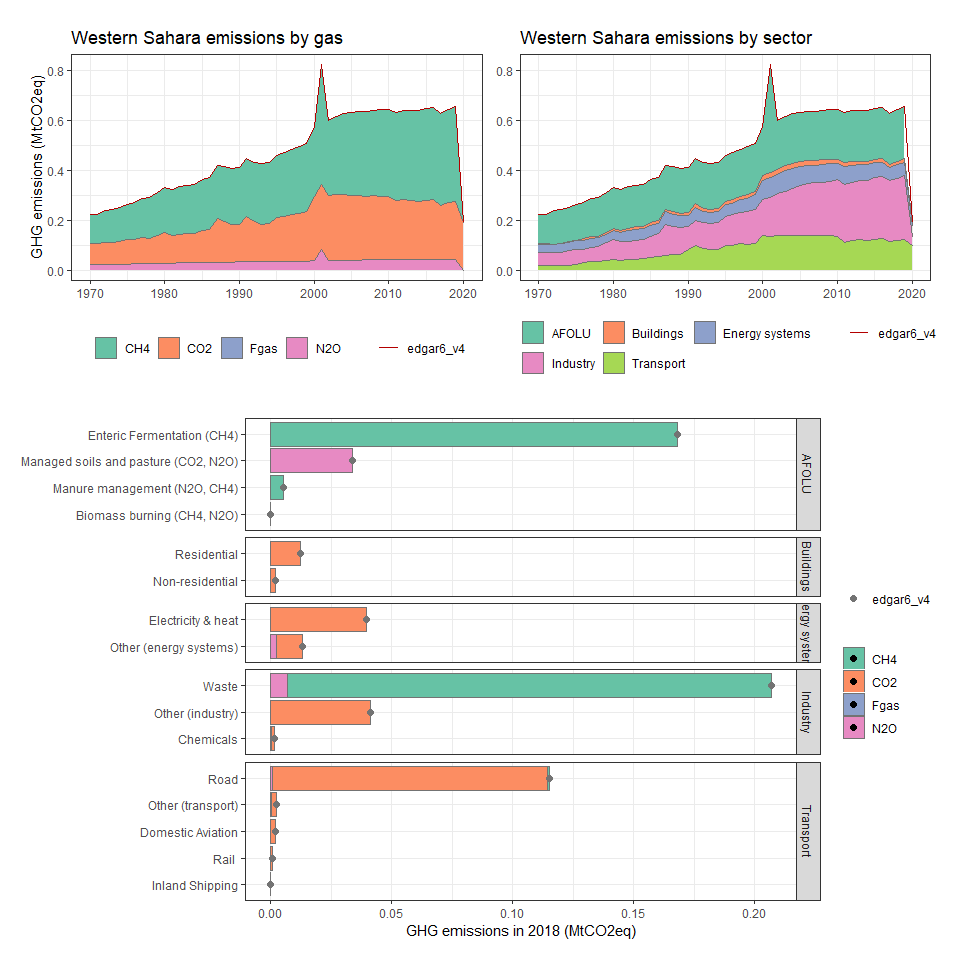
### French Guiana



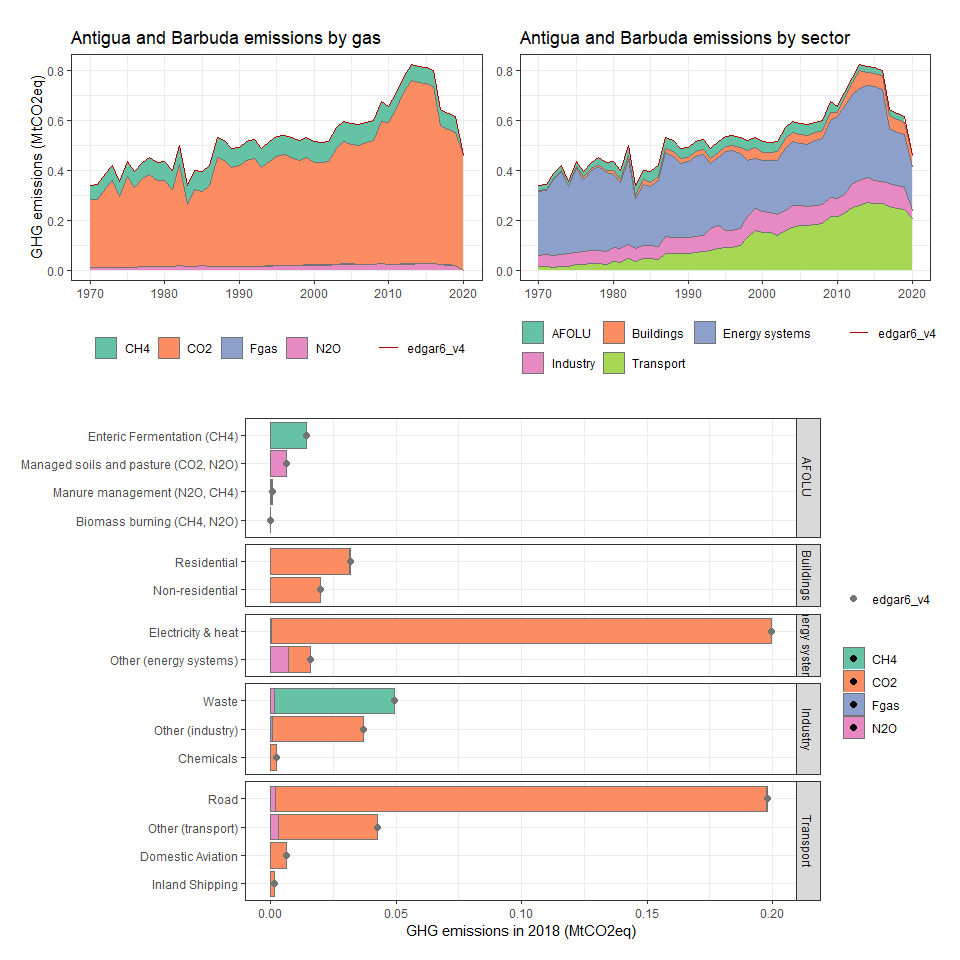
### Bermuda



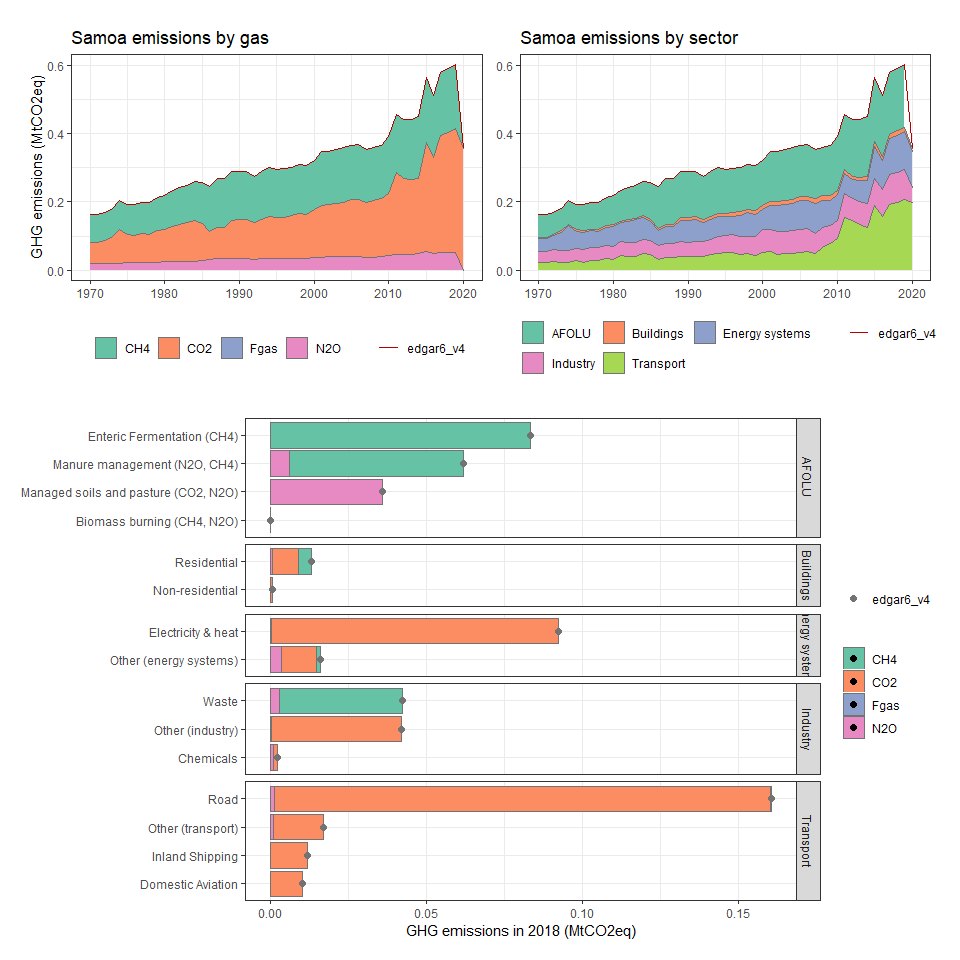
### Western Sahara



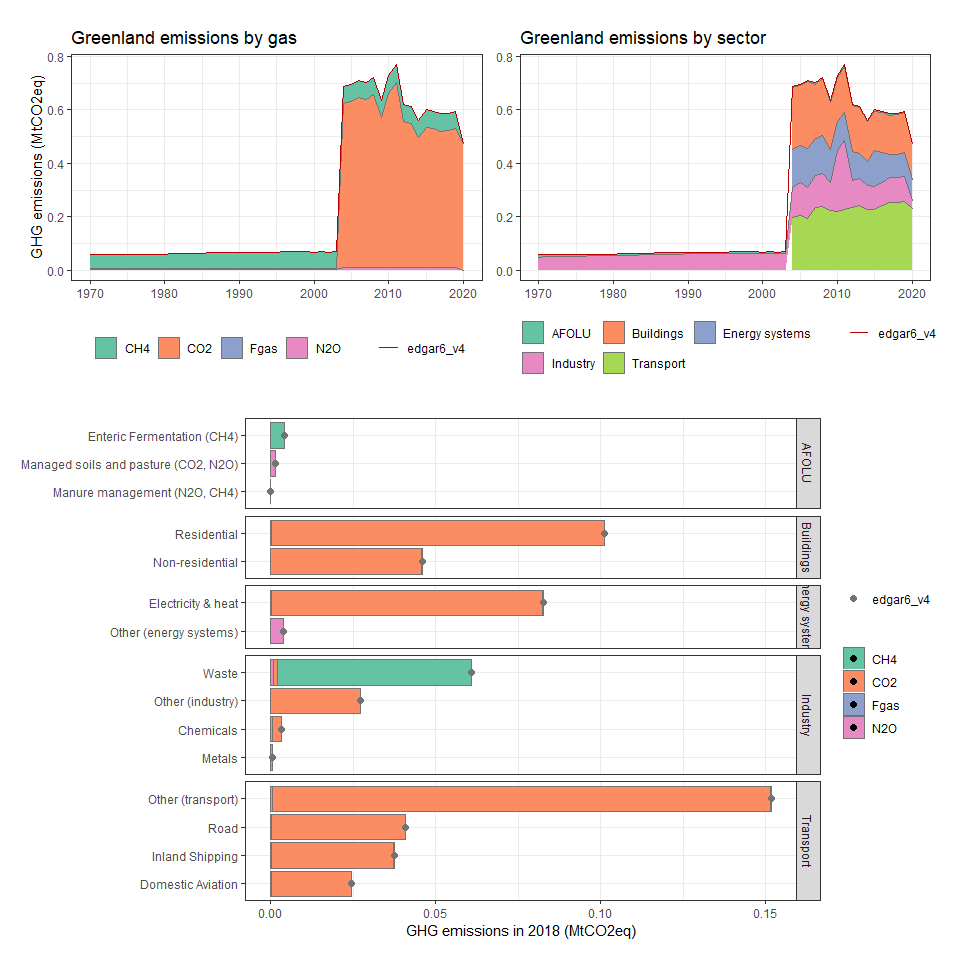
### Antigua and Barbuda



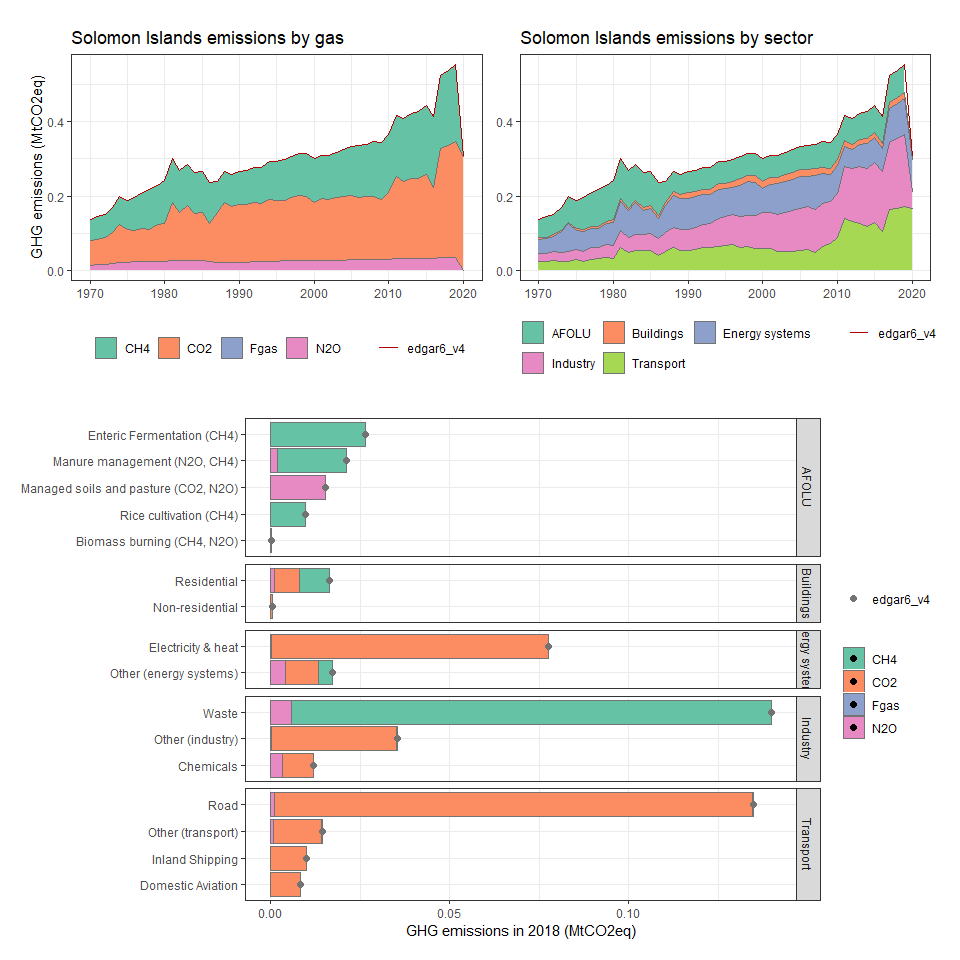
### Samoa



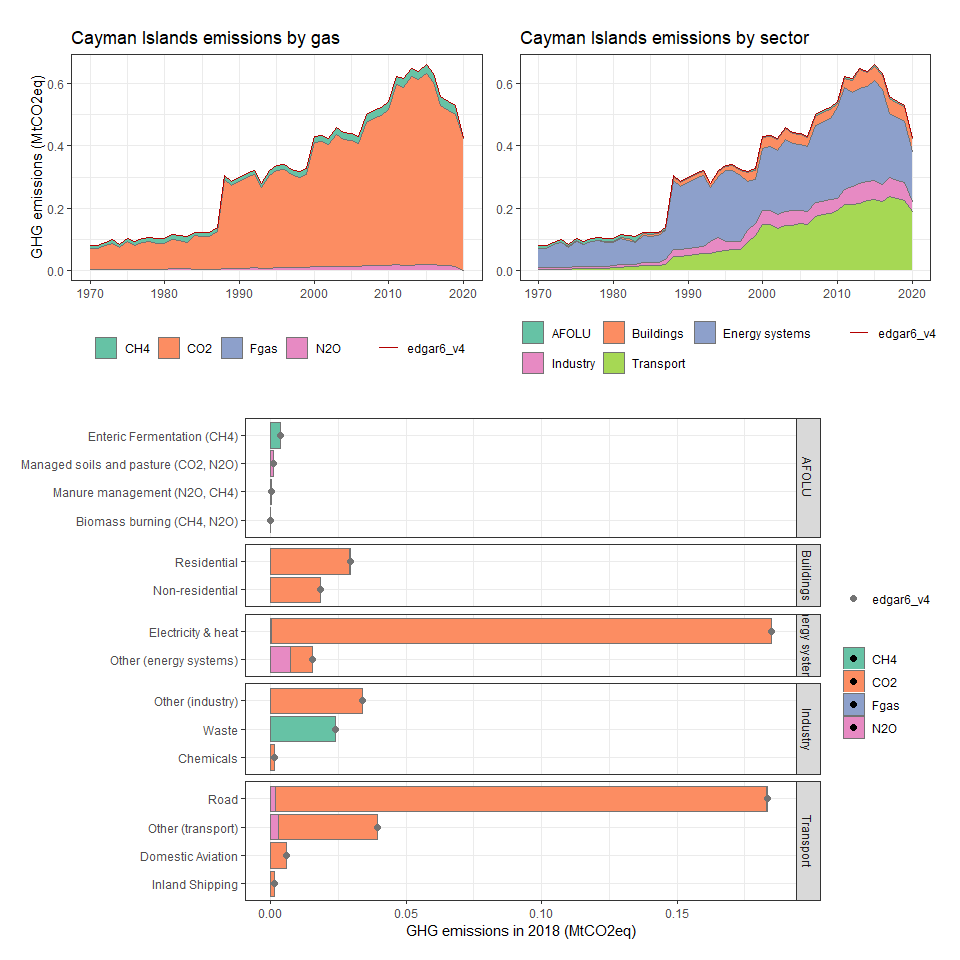
### Greenland



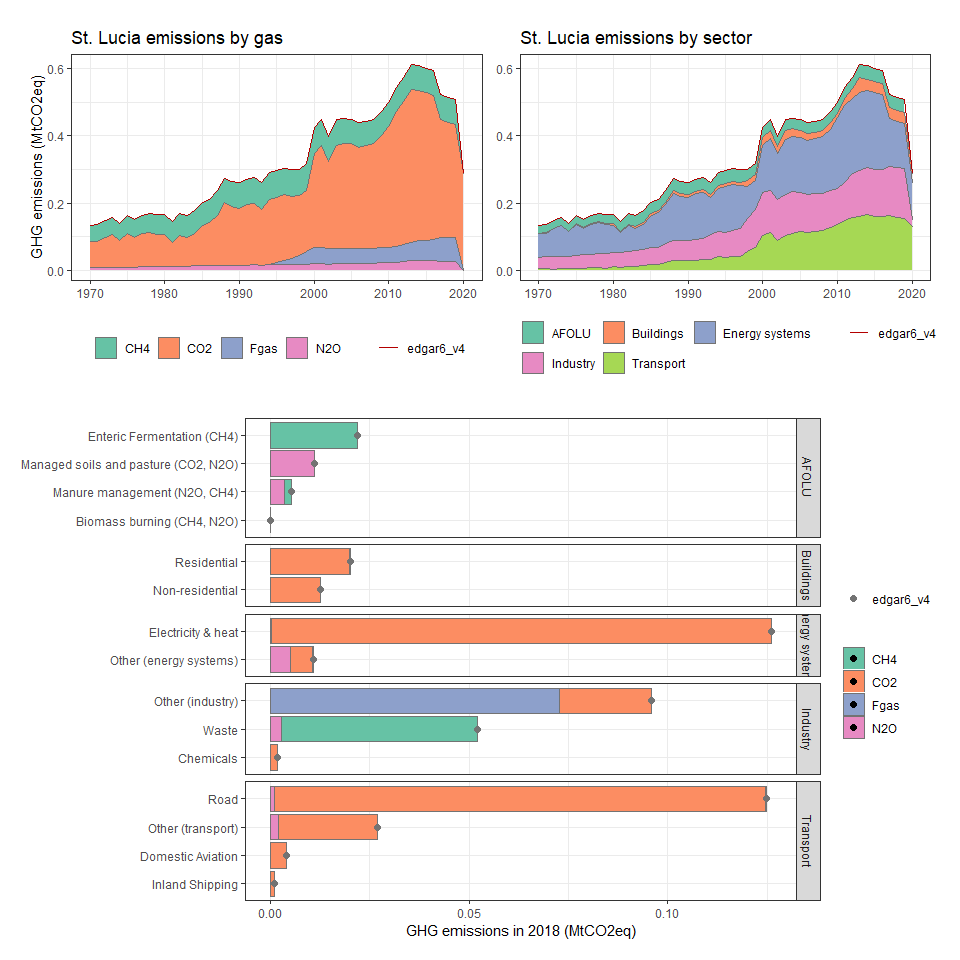
### Solomon Islands



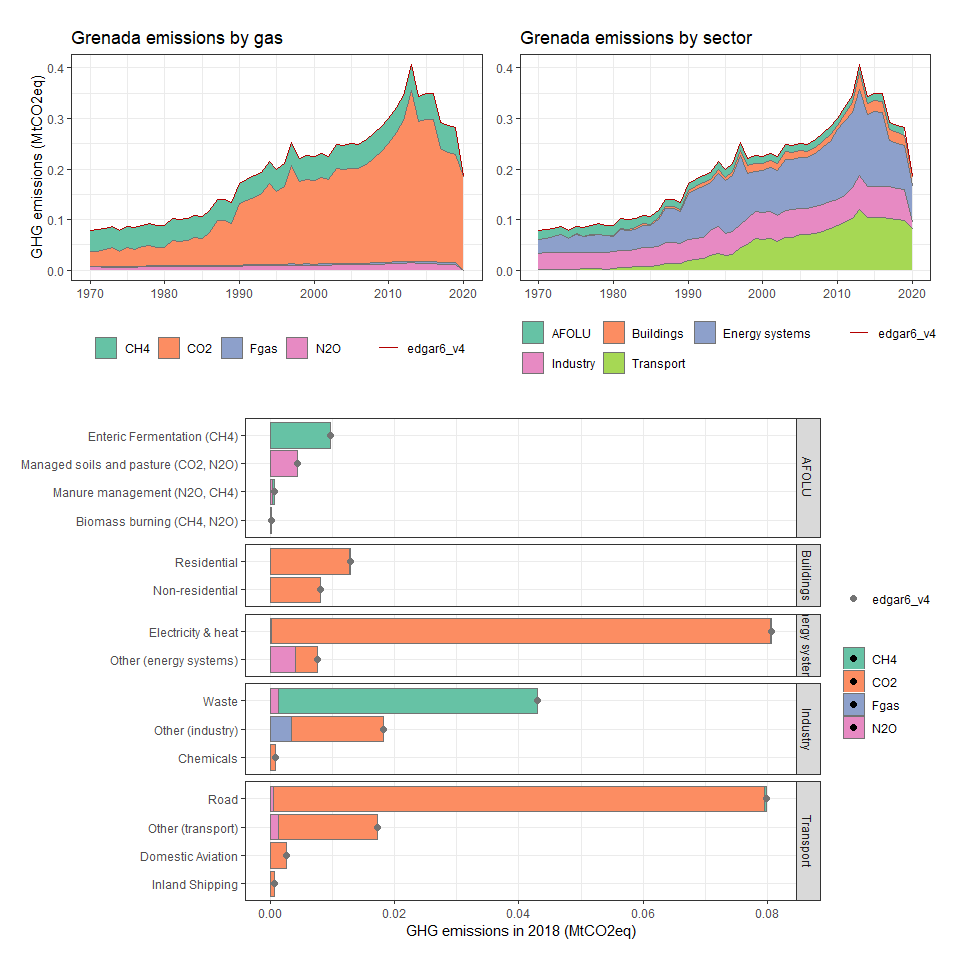
### Cayman Islands



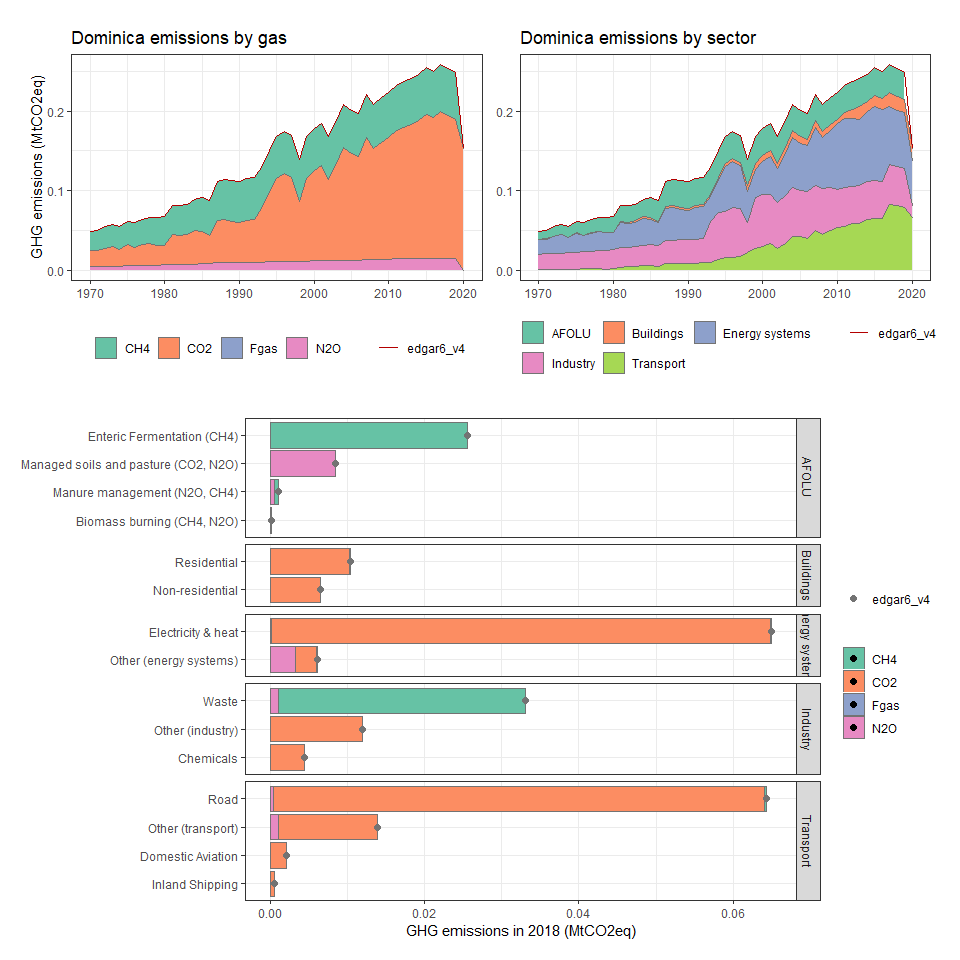
### St. Lucia



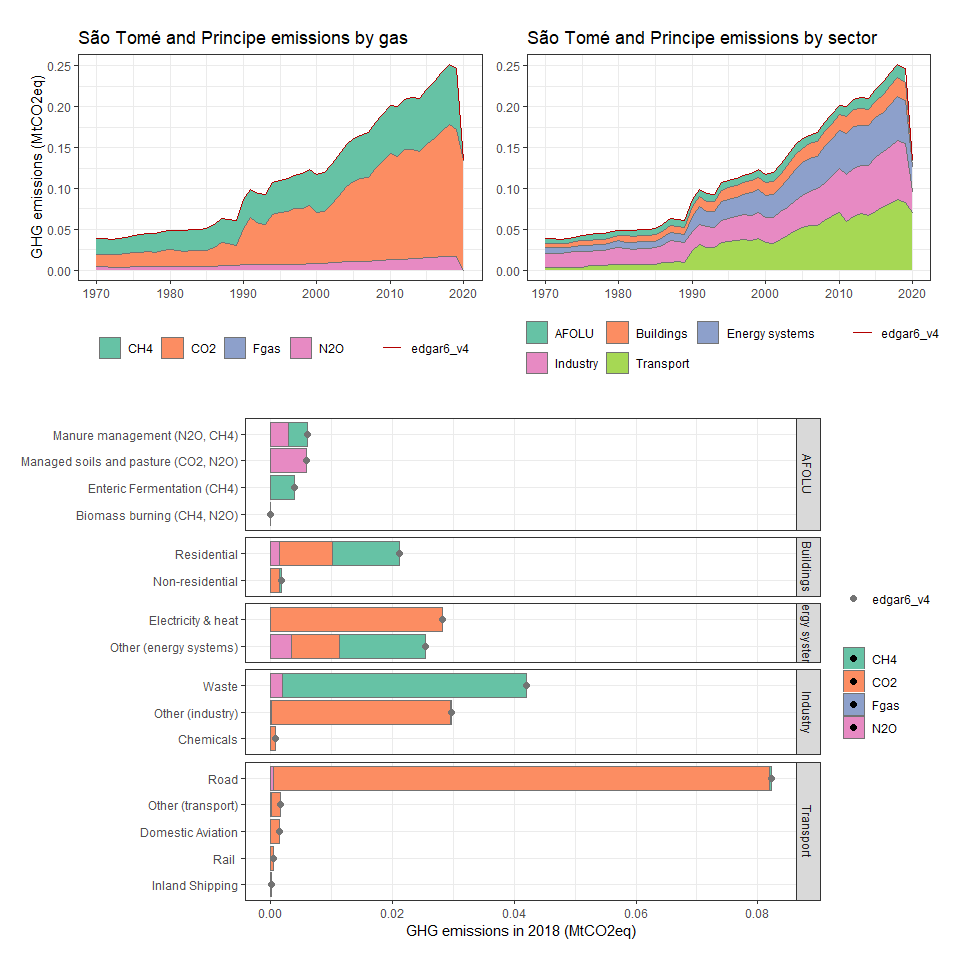
### Grenada



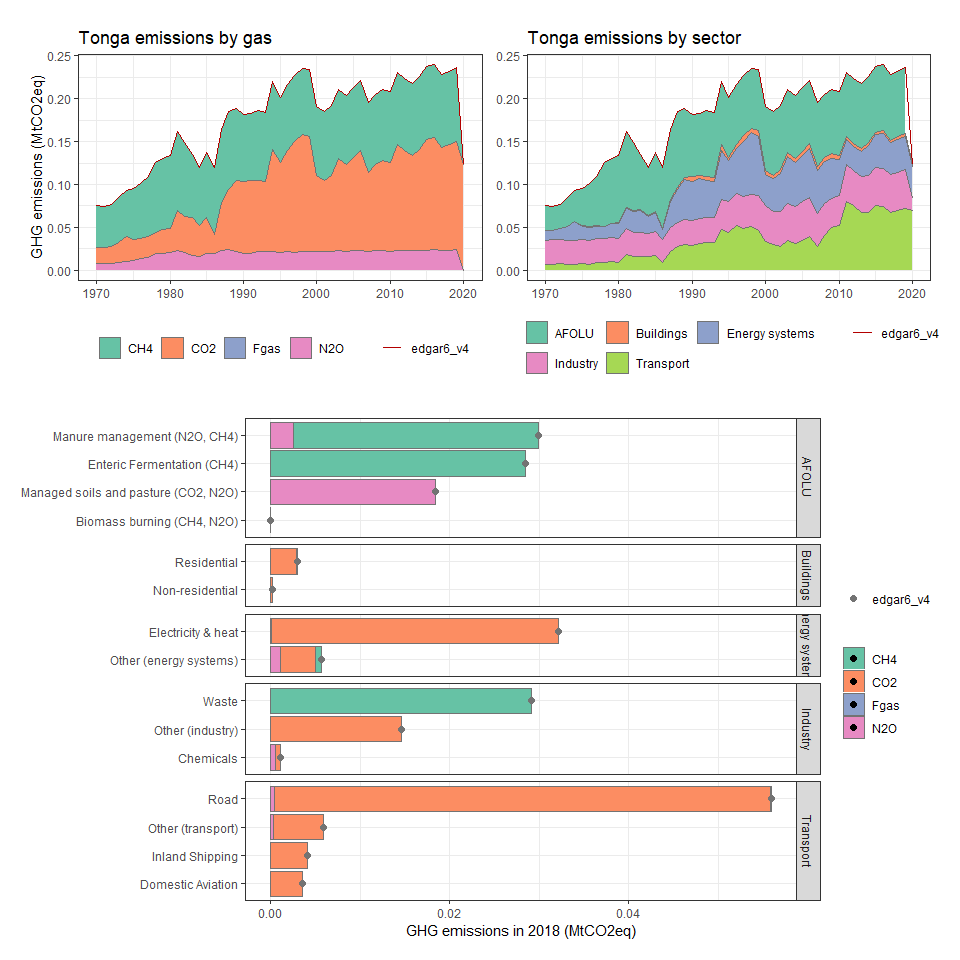
### Dominica



### São Tomé and Principe



### Tonga



### Turks and Caicos Islands

