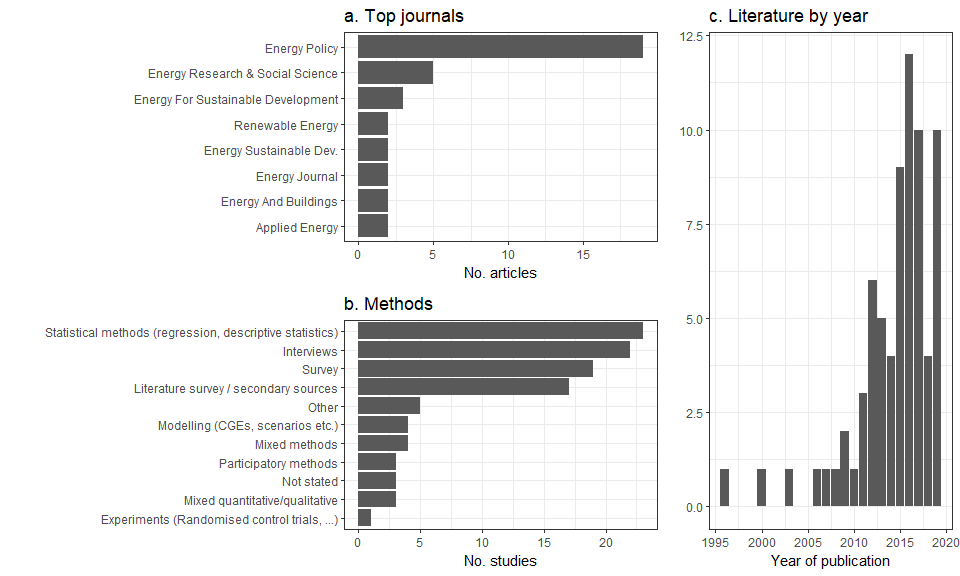
social outcomes of climate policies

William F. Lamb

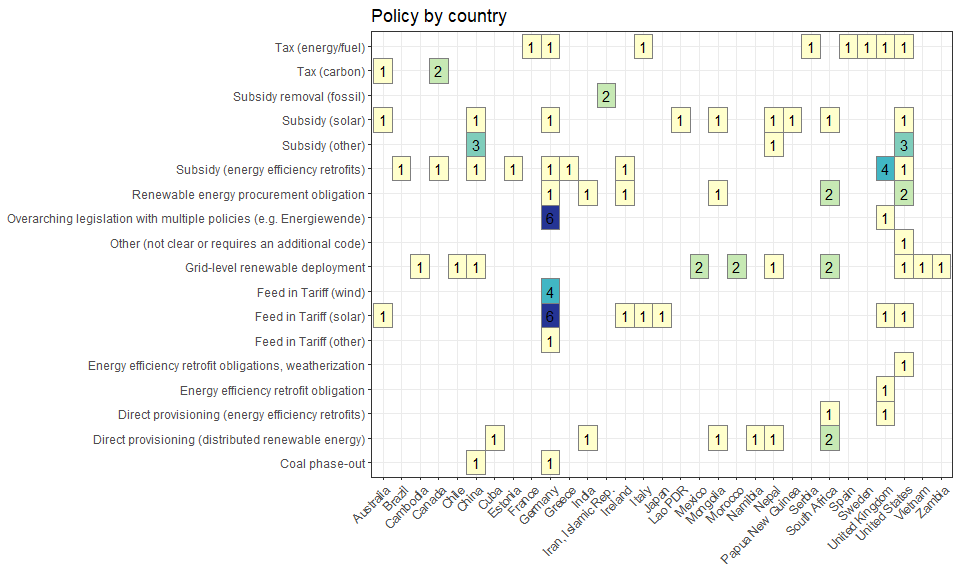
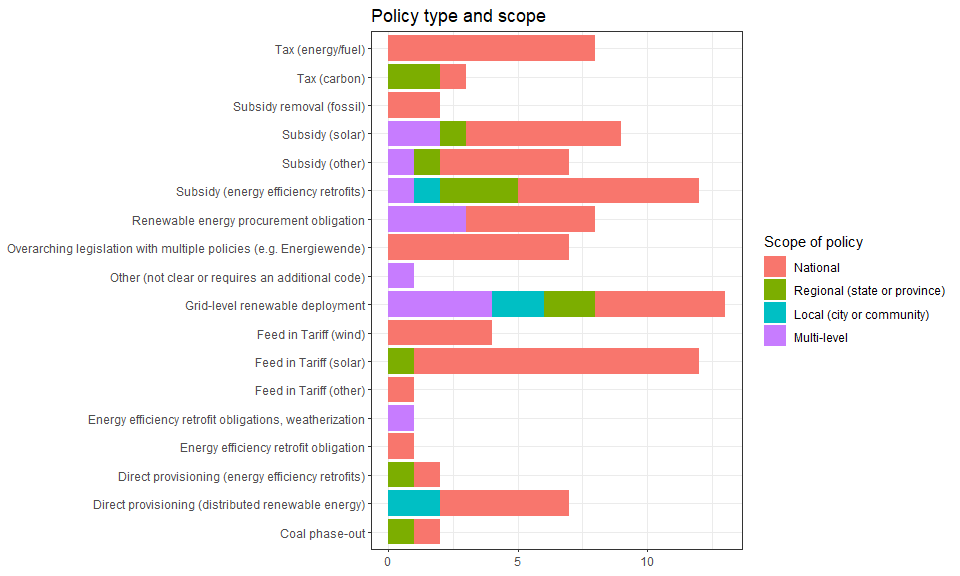
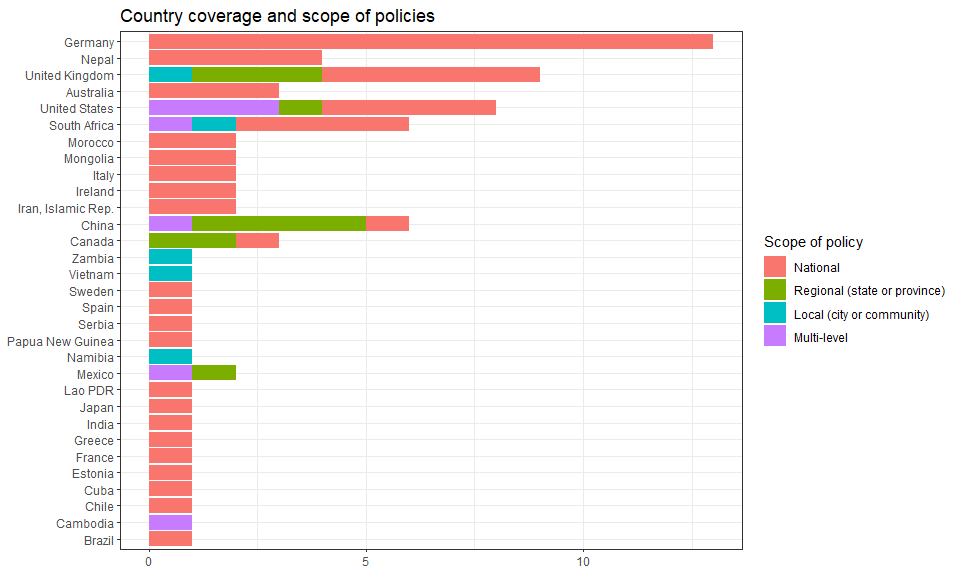
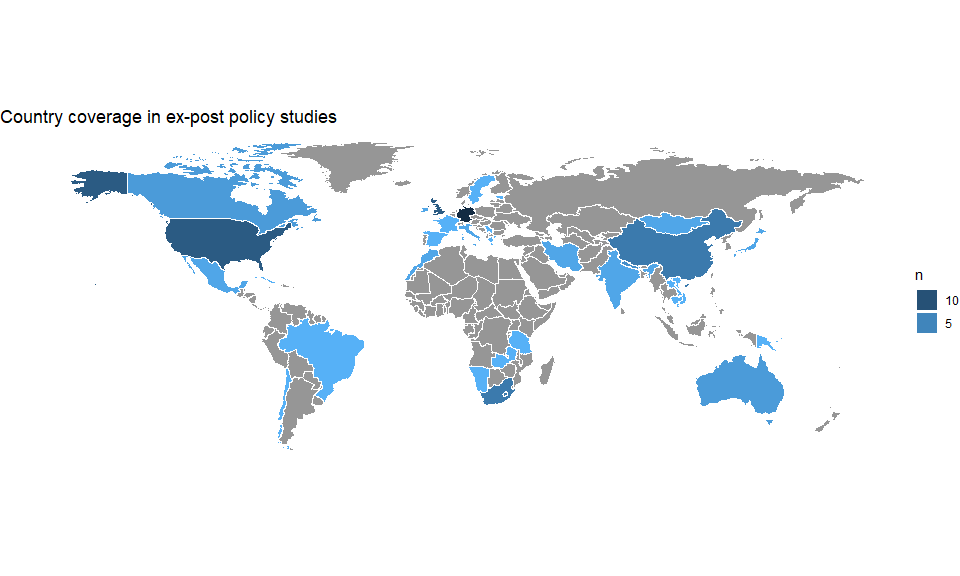
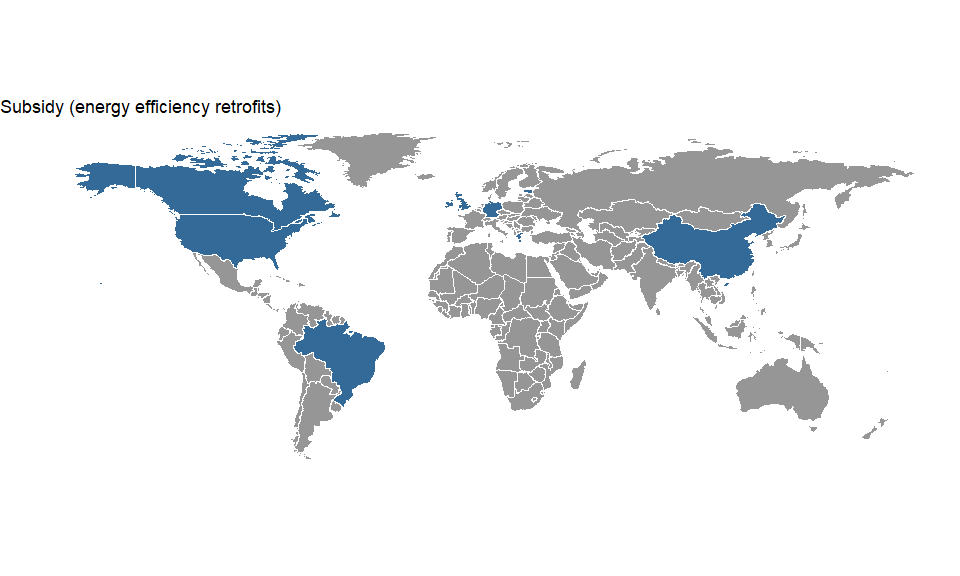
Current version and code:<https://github.com/mcc-apsis/Social-outcomes-of-climate-policies/tree/master/Results>

Latest update: 22 Oktober, 2019, 14:49

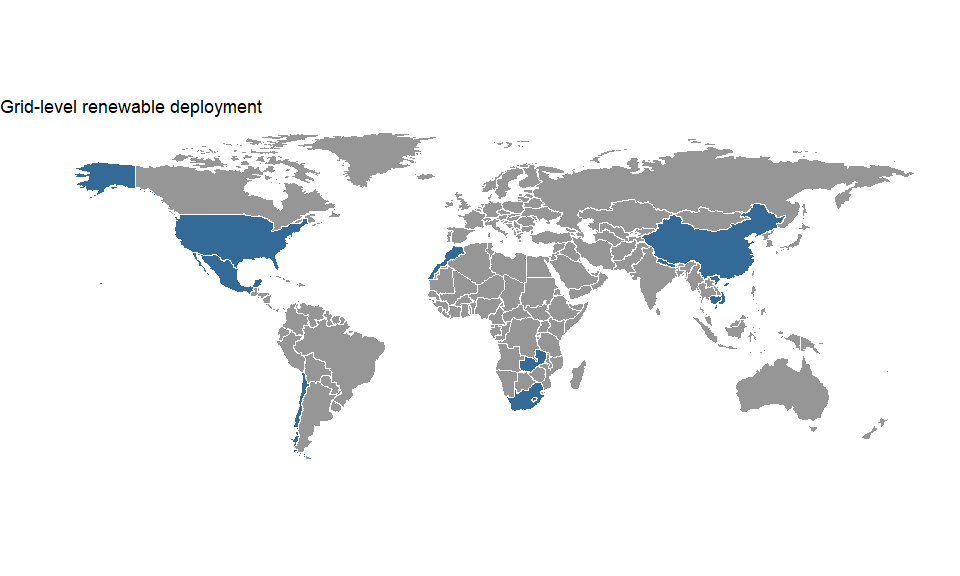
## Literature and methods



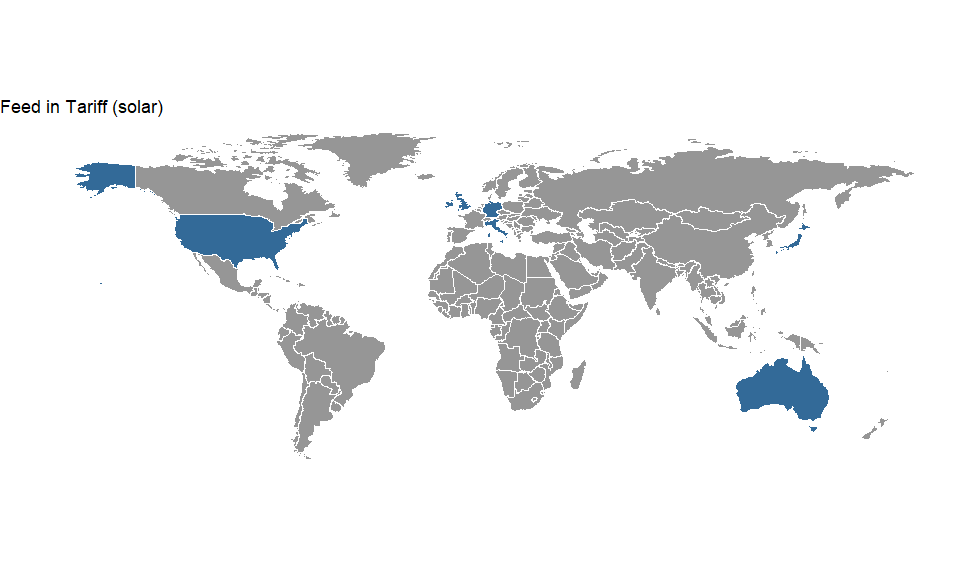
## Policies and geographic coverage

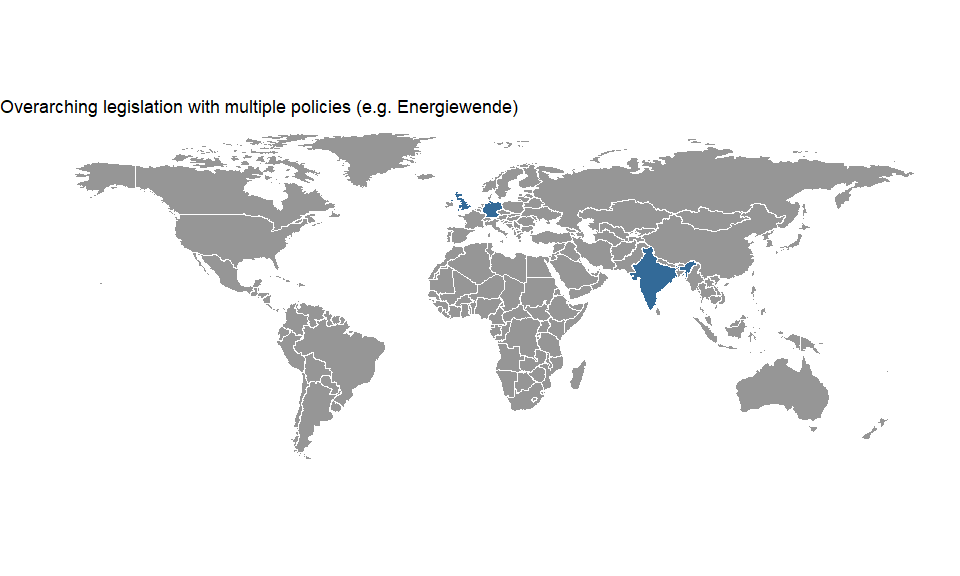
| country | policy\_name | social\_outcome\_type | social\_outcome | social\_outcome\_population |
| --- | --- | --- | --- | --- |
| Brazil | Energy Efficiency Projects | Affordability (electricity/fuel) | Positive | Everyone in the society or locality |
| Canada | EcoEnergy Home | Equality (income) | Negative | Everyone in the society or locality |
| China | 11th Five-Year Plan | Subjective well-being | Insignificant | Some of those targetted by the policy |
| China | 11th Five-Year Plan | Affordability (electricity/fuel) | Positive | Some of those targetted by the policy |
| Estonia | KredEx scheme | Equality (income) | Negative |  |
| Estonia | KredEx scheme | Equality (geographic) | Negative |  |
| Greece | Saving in-house energy savings program | Equality (income) | Positive | Everyone in the society or locality |
| Ireland | Better Energy Performance | Subjective well-being | Positive | Some of those targetted by the policy |
| United Kingdom | Home is where the heat is | Affordability (electricity/fuel) | Positive | Everyone targetted by the policy |
| United Kingdom | Warm Front Home Energy Efficiency Scheme | Affordability (electricity/fuel) | Positive |  |
| United Kingdom | Arbed | Subjective well-being | Positive | Some of those targetted by the policy |
| United Kingdom | Warm Front Scheme | Affordability (electricity/fuel) | Positive | Some of those targetted by the policy |
| United Kingdom | Arbed | Equality (income) | Positive | Some of those targetted by the policy |
| United States | Multiple state-level policies | Employment | Positive | Everyone in the society or locality |



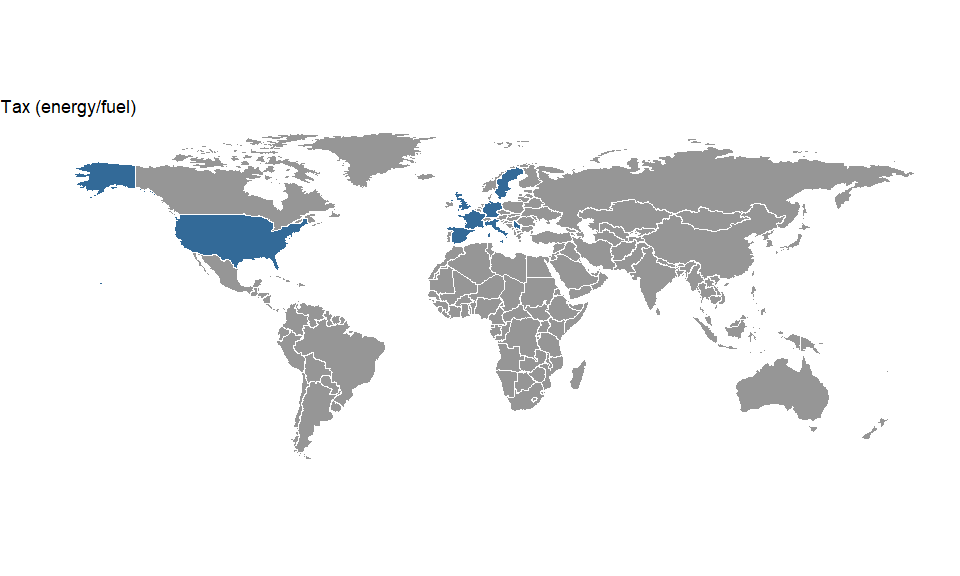
| country | policy\_name | social\_outcome\_type | social\_outcome | social\_outcome\_population |
| --- | --- | --- | --- | --- |
| Cambodia | Lower Sesan Dam 2 | Subjective well-being | Negative | Some of those targetted by the policy |
| Cambodia | Lower Sesan Dam 2 | Procedural justice | Negative | Some of those targetted by the policy |
| Cambodia | Lower Sesan Dam 2 | Community cohesion/conflict | Negative | Some of those targetted by the policy |
| Cambodia | Lower Sesan Dam 2 | Equality (income) | Mixed (positive and negative) | Some of those targetted by the policy |
| Chile | Nonconventional Renewable Energy Law | Community cohesion/conflict | Negative | Some of those targetted by the policy |
| China | Integrated Rural Energy Development in One Hundred Counties’’ | Access (electricity) | Positive | Everyone targetted by the policy |
| China | Integrated Rural Energy Development in One Hundred Counties’’ | Equality (income) | Positive | Some of those targetted by the policy |
| Mexico |  | Procedural justice | Negative | A part of the society or locality |
| Mexico | Open Season (OS) for Electric Energy Transmission and Transformation Reserve Capacity | Procedural justice | Negative | Some of those targetted by the policy |
| Mexico |  | Poverty reduction (in general, not limited to affordability/access) | Negative | A part of the society or locality |
| Mexico | Open Season (OS) for Electric Energy Transmission and Transformation Reserve Capacity | Community cohesion/conflict | Negative | Some of those targetted by the policy |
| Mexico |  | Community cohesion/conflict | Negative | A part of the society or locality |
| Morocco | Programme d’Electrification Rurale Globale (PERG) | Access (electricity) | Not stated | Everyone targetted by the policy |
| Morocco | Moroccan Solar Plan | Employment | Mixed (positive and negative) | A part of the society or locality |
| Nepal | Rural Energy Development Programme (REDP) | Access (electricity) | Positive | Some of those targetted by the policy |
| Nepal | Rural Energy Development Programme (REDP) | Time/labour/drudgery | Mixed (positive and negative) | Some of those targetted by the policy |
| Nepal | Rural Energy Development Programme (REDP) | Procedural justice | Negative | Some of those targetted by the policy |
| South Africa | REI4P - Renewable Energy Independent Power Producers Procurement Programme | Employment | Mixed (positive and negative) | Everyone in the society or locality |
| South Africa | Free Basic Electrification (FBE) policy, also the Electricity Basic Support Services Tariff (EBSST), known as the "poverty tariff" | Access (electricity) | Positive | A part of the society or locality |
| United States | Various, it is assessing federal and state incentives | Affordability (electricity/fuel) | Mixed (positive and negative) | A part of the society or locality |
| Vietnam | A Vuong Hydropower Dam | Access (electricity) | Positive | A part of the society or locality |
| Vietnam | A Vuong Hydropower Dam | Procedural justice | Negative | A part of the society or locality |
| Vietnam | A Vuong Hydropower Dam | Time/labour/drudgery | Negative | A part of the society or locality |
| Vietnam | A Vuong Hydropower Dam | Poverty reduction (in general, not limited to affordability/access) | Negative | A part of the society or locality |
| Zambia | Mpanta solar mini-grid | Access (electricity) | Mixed (positive and negative) | Everyone targetted by the policy |
| Zambia | Mpanta solar mini-grid | Access (electricity) | Positive | Subset of participants |
| Zambia | Mpanta solar mini-grid | Equality (gender) | Mixed (positive and negative) | Subset of participants |



| country | policy\_name | social\_outcome\_type | social\_outcome | social\_outcome\_population |
| --- | --- | --- | --- | --- |
| Australia | Feed in Tariff | Equality (geographic) | Negative | A part of the society or locality |
| Australia | Feed in Tariff | Equality (income) | Negative | A part of the society or locality |
| Germany | Renewable Energy Act, EEG | Employment | Mixed (positive and negative) | Everyone in the society or locality |
| Germany | technology-specific feed-in tariffs (FITs) | Equality (income) | Negative | Everyone in the society or locality |
| Germany |  | Equality (income) | Negative | Everyone in the society or locality |
| Germany | EEG | Employment | Negative | Everyone in the society or locality |
| Germany | Energiewende | Equality (income) | Negative | Everyone in the society or locality |
| Germany | EEG | Affordability (electricity/fuel) | Mixed (positive and negative) | Everyone in the society or locality |
| Germany | EEG | Affordability (electricity/fuel) | Negative | A part of the society or locality |
| Germany | Energiewende | Equality (geographic) | Negative | Everyone in the society or locality |
| Germany | EEG | Equality (income) | Mixed (positive and negative) | Everyone in the society or locality |
| Ireland | Public Service Obligation (PSO) levies | Affordability (electricity/fuel) | Mixed (positive and negative) | Everyone in the society or locality |
| Italy | A3 Surcharge | Equality (income) | Negative | Everyone in the society or locality |
| Japan | Feed-in Tariff | Equality (income) | Positive | A part of the society or locality |
| United Kingdom | Feed in tariff | Affordability (electricity/fuel) | Positive | Some of those targetted by the policy |
| United States | Hawaii PV tax credit | Equality (income) | Negative | Everyone in the society or locality |



| country | policy\_name | social\_outcome\_type | social\_outcome | social\_outcome\_population |
| --- | --- | --- | --- | --- |
| Germany | Energiewende | Community cohesion/conflict | Positive | A part of the society or locality |
| Germany | Energiewende | Equality (income) | Negative | Everyone in the society or locality |
| Germany | Energiewende | Affordability (electricity/fuel) | Negative | Some of those targetted by the policy |
| Germany | Energiewende | Community cohesion/conflict | Mixed (positive and negative) | A part of the society or locality |
| Germany | Energiewende | Employment | Positive | A part of the society or locality |
| Germany | EEG | Affordability (electricity/fuel) | Mixed (positive and negative) | Everyone in the society or locality |
| Germany | Energiewende | Employment | Positive | A part of the society or locality |
| Germany | Energiewende | Equality (geographic) | Negative | Everyone in the society or locality |
| Germany | Energiewende | Employment | Positive | A part of the society or locality |
| Germany | Energiewende | Procedural justice | Mixed (positive and negative) | A part of the society or locality |
| Germany | Energiewende | Equality (geographic) | Positive | A part of the society or locality |
| Germany | EEG | Equality (income) | Mixed (positive and negative) | Everyone in the society or locality |
| Germany | Energiewende | Community cohesion/conflict | Negative | A part of the society or locality |
| Germany | Energiewende | Procedural justice | Positive | A part of the society or locality |
| India | National Solar Mission | Employment | Positive | A part of the society or locality |
| United Kingdom | Multiple energy efficiency and environmental policies, incl. the Carbon Emission Reduction Target (CERT), Community Energy Saving Programme (CESP), Warm Front Scheme (WFS), and others | Equality (income) | Negative | Everyone in the society or locality |



| country | policy\_name | social\_outcome\_type | social\_outcome | social\_outcome\_population |
| --- | --- | --- | --- | --- |
| France | Gasoline and Diesel Taxes | Equality (income) | Insignificant | Everyone in the society or locality |
| Germany | Gasoline and Diesel Taxes | Equality (income) | Insignificant | Everyone in the society or locality |
| Italy | Gasoline and Diesel Taxes | Equality (income) | Negative | Everyone in the society or locality |
| Serbia | Gasoline and Diesel Taxes | Equality (income) | Insignificant | Everyone in the society or locality |
| Spain | Gasoline and Diesel Taxes | Equality (income) | Insignificant | Everyone in the society or locality |
| Sweden | Gasoline and Diesel Taxes | Equality (income) | Insignificant | Everyone in the society or locality |
| United Kingdom | Gasoline and Diesel Taxes | Equality (income) | Insignificant | Everyone in the society or locality |
| United States | Federal gasolene tax | Equality (income) | Negative | Everyone in the society or locality |
| United States | Federal gasolene tax | Equality (income) | Negative | A part of the society or locality |