Online Support Information (SI) file

In Figure A1 we show the break-down of the net CAPEX values calculated with TIAM-ECN for North Africa in 2050 for all sensitivity tests.

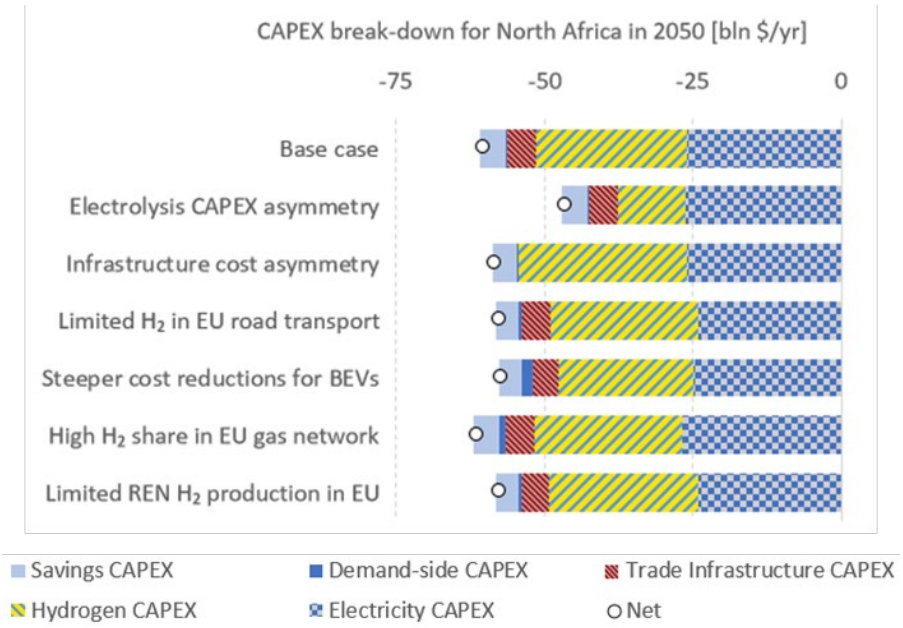

Figure A1. Sensitivity test for break-down of net CAPEX values calculated with TIAM-ECN for North Africa in 2050.

In Figure A2 we show the break-down of the net trade costs calculated with TIAM-ECN for North Africa in 2050 for all sensitivity tests.

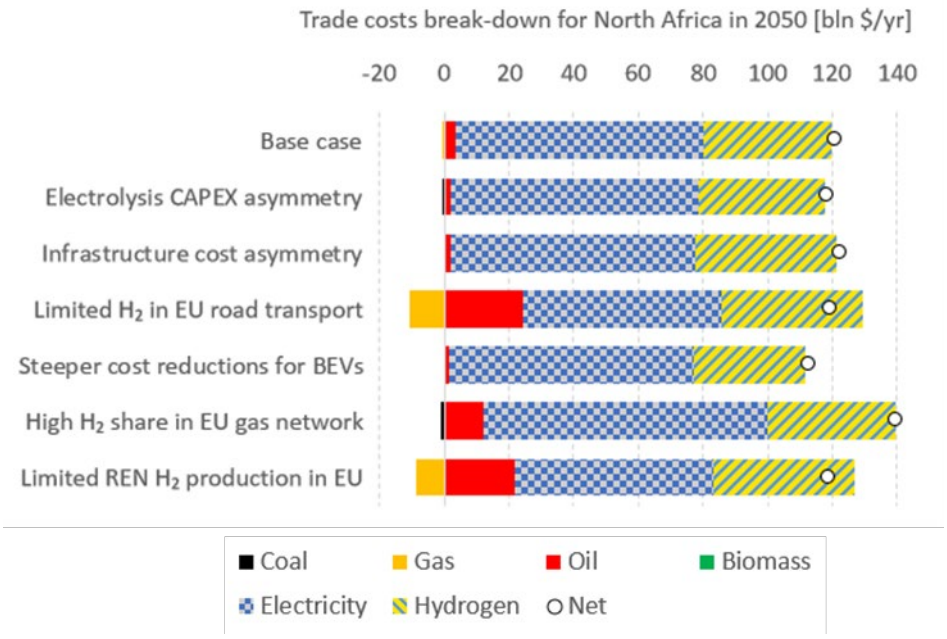

Figure A2. Sensitivity test for break-down of net trade costs calculated with TIAM-ECN for North Africa in 2050.

In Figure A3 we show the break-down of the autarky penalty calculated with TIAM-ECN for North Africa in 2050 for the base case.

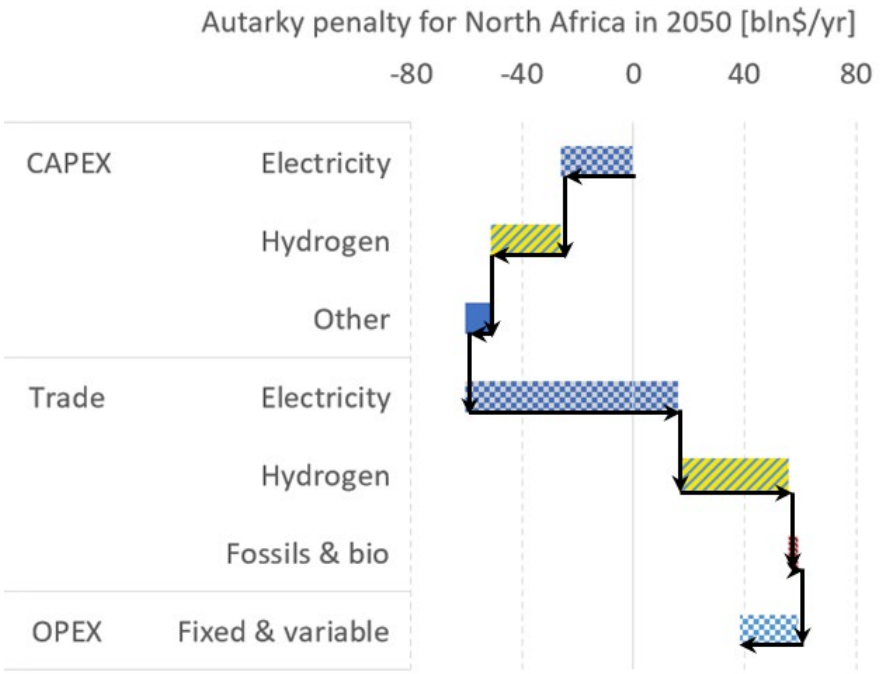

Figure A3. Break-down of the autarky penalty calculated with TIAM-ECN for North Africa in 2050: base case.

In Figure A4 we show the break-down of the autarky penalty calculated with TIAM-ECN for North Africa in 2050 for the sensitivity test with limited domestic production of renewable H_2.

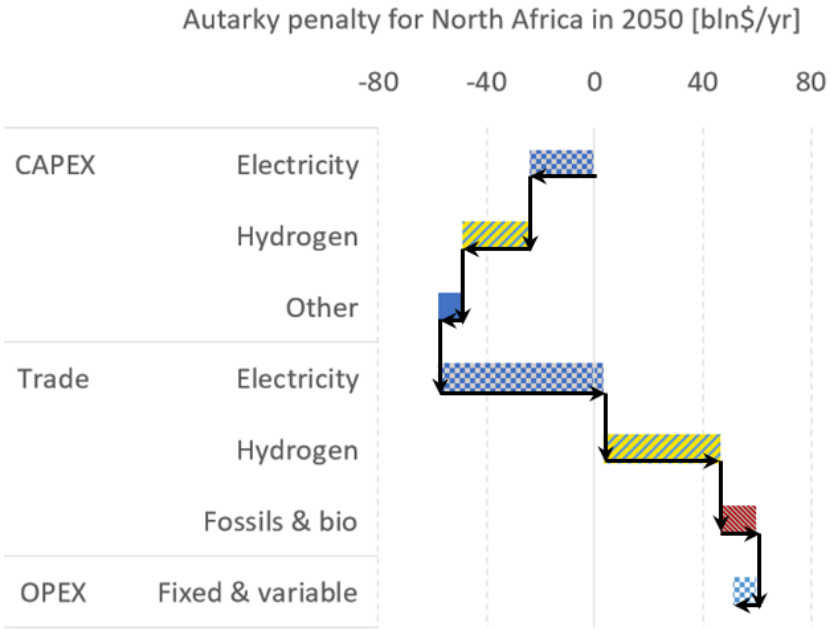

Figure A4. Break-down of the autarky penalty calculated with TIAM-ECN for North Africa in 2050: sensitivity test with limited domestic production of renewable H_2.

In Figure A5 we show the break-down of electricity supply and usage for Europe in 2050.

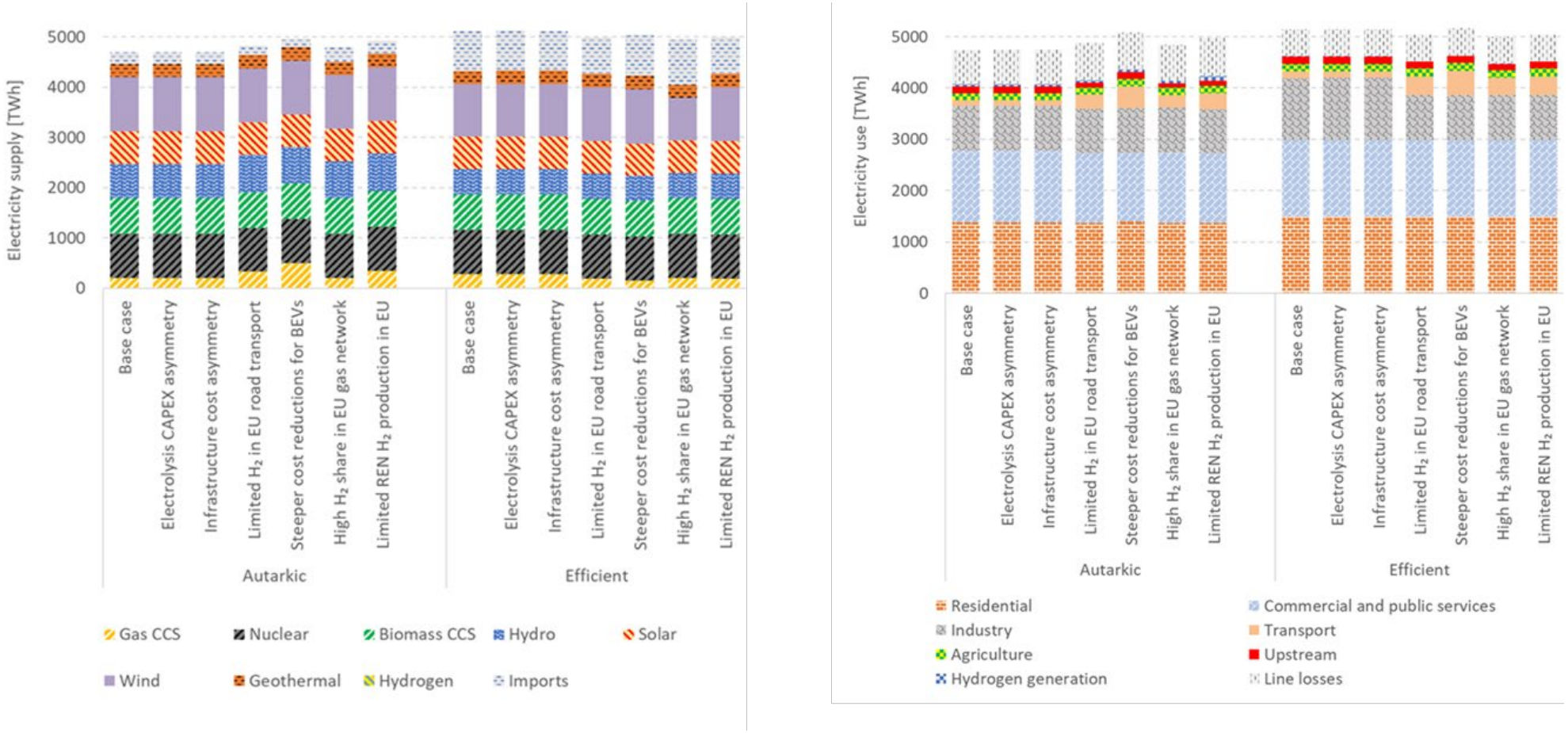

Figure A5. Break-down of electricity supply and usage for Europe in 2050.

In Figure A6 we show the break-down of hydrogen supply and usage for Europe in 2050.

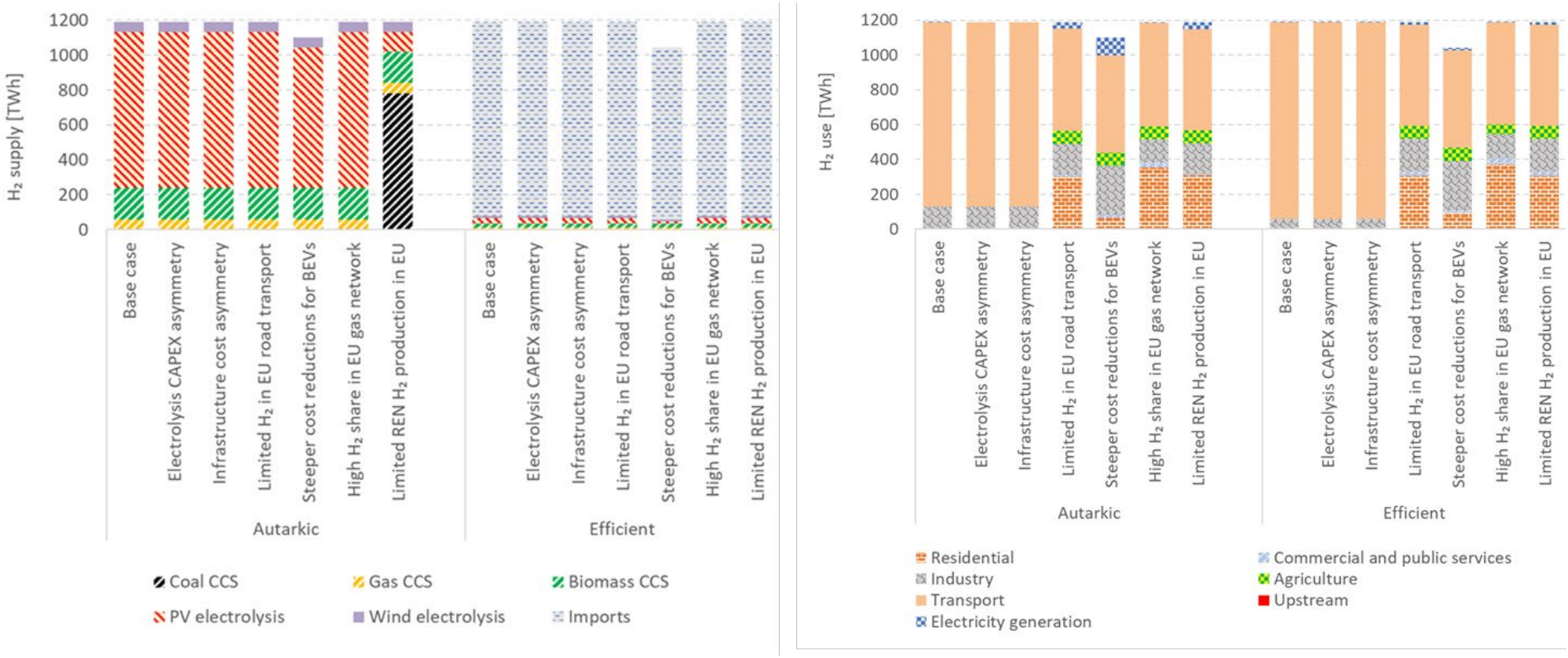

Figure A6. Break-down of hydrogen supply and usage for Europe in 2050.

In Figure A7 we show the break-down of electricity supply and usage for North Africa in 2050.

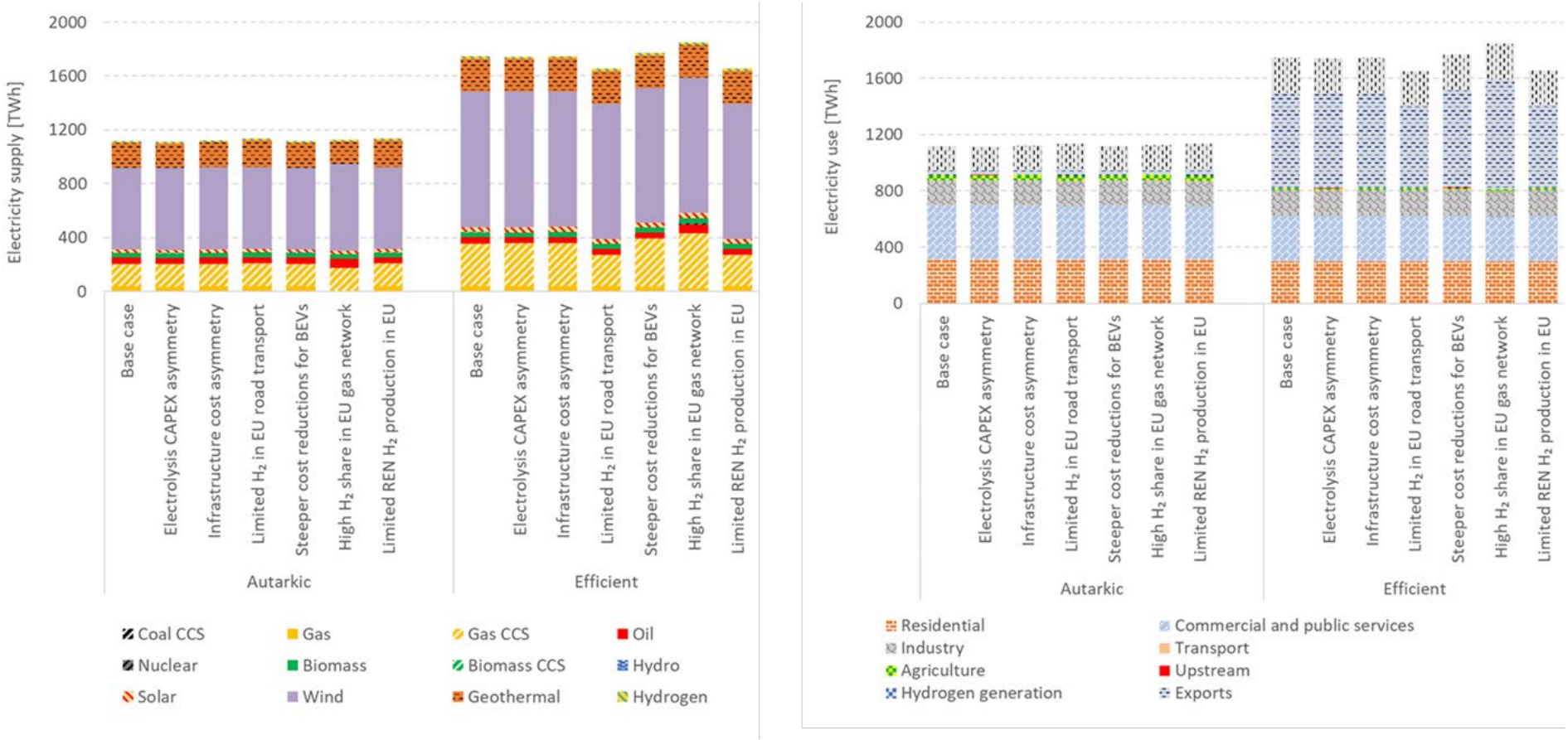

Figure A7. Break-down of electricity supply and usage for North Africa in 2050.

In Figure A8 we show the break-down of hydrogen supply and usage for North Africa in 2050.

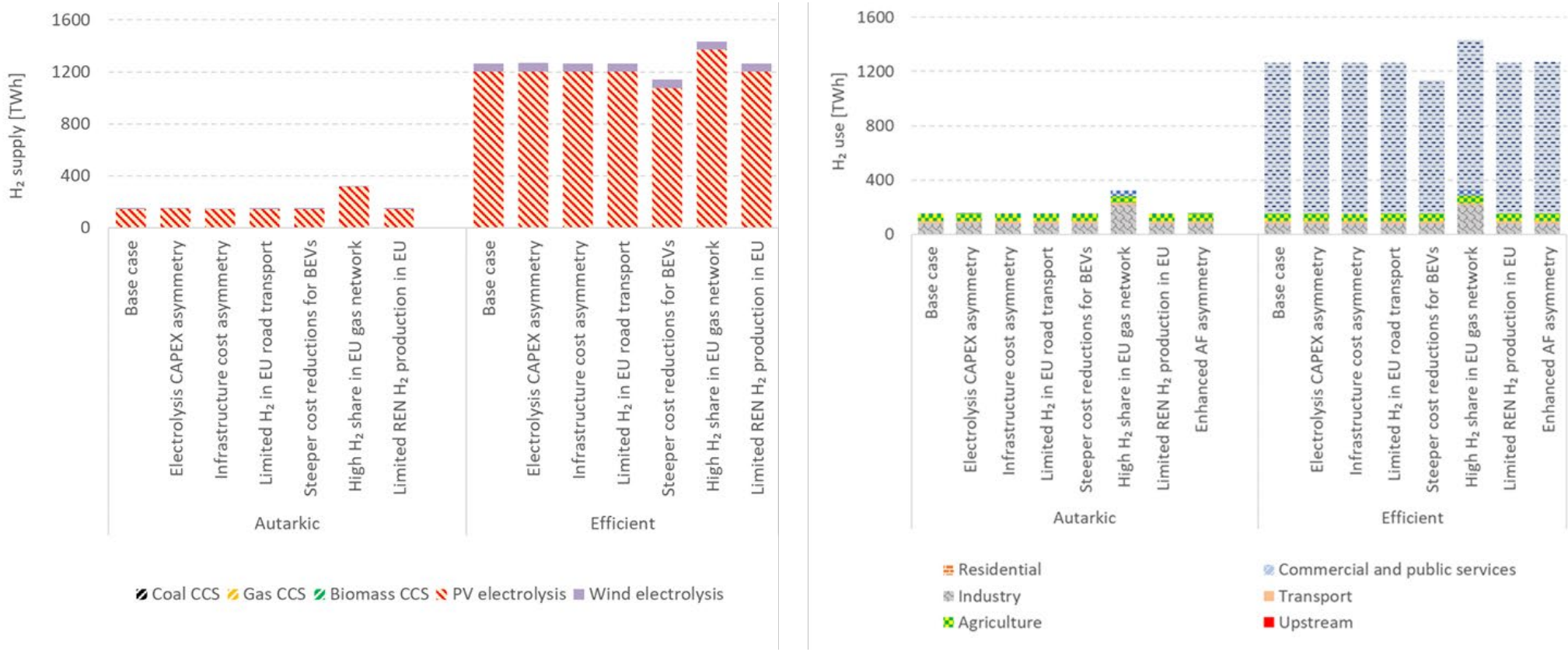

Figure A8. Break-down of hydrogen supply and usage for North Africa in 2050.