CO<sub>2</sub> capture capacity [Mtpa] 10k 120 10 1000 100 Power capacity Onshore Wind - Prospective Onshore Wind - Historical 1985 Onshore Wind - Learning Curve 110 Offshore Wind - Prospective Offshore Wind - Historical Offshore Wind - Learning Curve 100 Residential PV - Prospective Residential PV - Historical 2013 Residential PV - Learning Curve Utility-scale PV - Prospective Utility-scale PV - Historical Utility-scale PV - Learning Curve Commercial PV - Prospective 10k Commercial PV - Historical 2010 Commercial - Learning Curve CSP - Prospective 2050 2011 CSP - Historical — CSP - Learning Curve Ground Source Heat Pumps - Prospective 2008 Ground Source Heat Pumps - Historical Ground Source Heat Pumps - Learning Curve Decentralized Heat Pumps - Prospective Decentralized Heat Pumps - Historical — Decentralized Heat Pumps - Learning Curve SOEC Electrolysis - Prospective SOEC Electrolysis - Historical 2010 2015 SOEC Electrolysis - Learning Curve PEM Electrolysis - Prospective PEM Electrolysis - Historical 2013 PEM Electrolysis - Learning Curve 2018 ALK Electrolysis - Prospective • ALK Electrolysis - Historical 1000 2020 — ALK Electrolysis - Learning Curve Total Hydro-power - Prospective Total Hydro-power - Historical Total Hydro-power - Learning Curve 2050 Geothermal - Prospective Geothermal - Historical Geothermal - Learning Curve CO<sub>2</sub> capacity Carbon Capture - Prospective Carbon Capture - Historical — Carbon Capture - Learning Curve  $100\mu$ 0.01 0.1 100 10k 0.001 1000

Cumulative Capacity [GW]