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## PV manufacturing in Europe

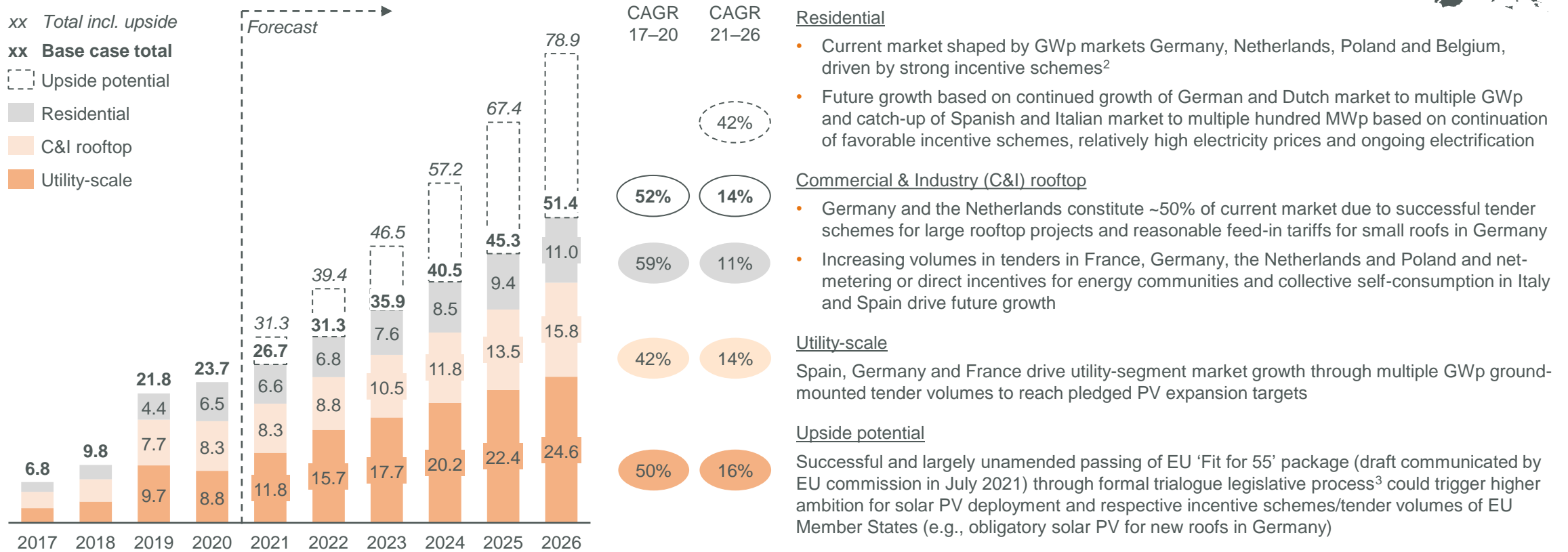
### Interview insights on market and local manufacturers

December 14, 2021

# European PV market to grow to 51 GWp by 2026 with upside potential to ~80 GWp, partly driven by EU 'Fit for 55' package.



European<sup>1</sup> PV market forecast [GWp p.a.]



Source: Apricum analysis; 1) Includes all countries that are geographically in Europe, incl. Russia but excl. Turkey; 2) Germany: Feed-in tariff, Italy: 110% income tax break, Netherlands: Net-metering, Poland: Net-metering plus cash subsidy; 3) Review, negotiations, amendments by EU Commission, Council of the European Union, European Parliament

# European module production capacity amounts to ~8 GWp and relies on cell imports – multiple recent expansions or plans identified.

PV manufacturing existing capacities in Europe as of 2021 [MWp]



Source: Apricum analysis; 1) 3g Si per Wp assumed; 2) Same capacity as module capacity assumed; 3) Produce only ingots; 4) Unclear status of expansion implementation; 5) Operation status unclear (doubts shed from expert interviews); 6) Sonnenstromfabrik; 7) Including assumed capacities (ExaSun – 250MW, Karax – 17 MW, 50MW for less than 100 MW capacities)



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