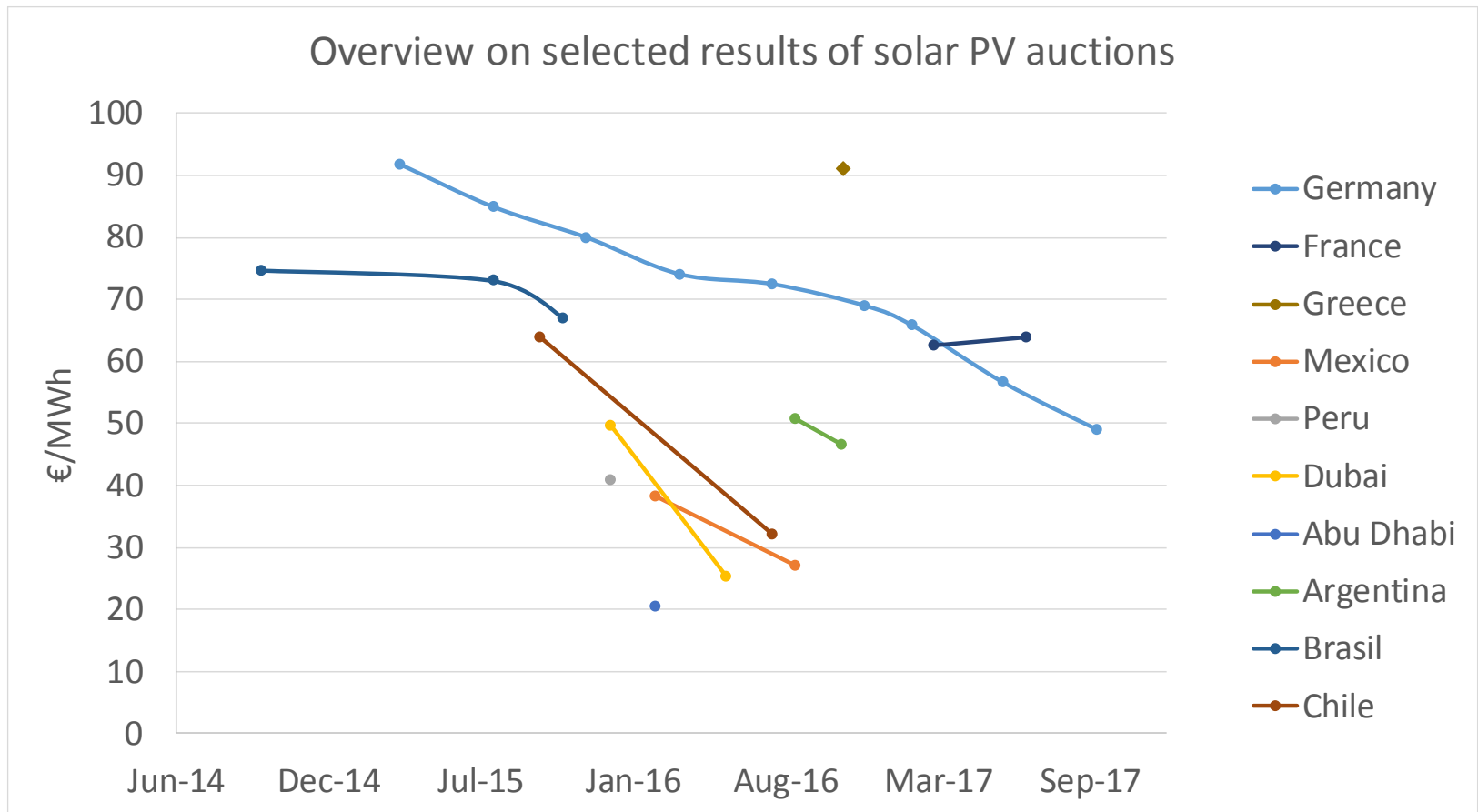

RENEWABLE POTENTIALS, AUCTIONS AND SYSTEM INTEGRATION

Introductions statement Jenny Winkler

German- Algerian energy day 24/4/2018

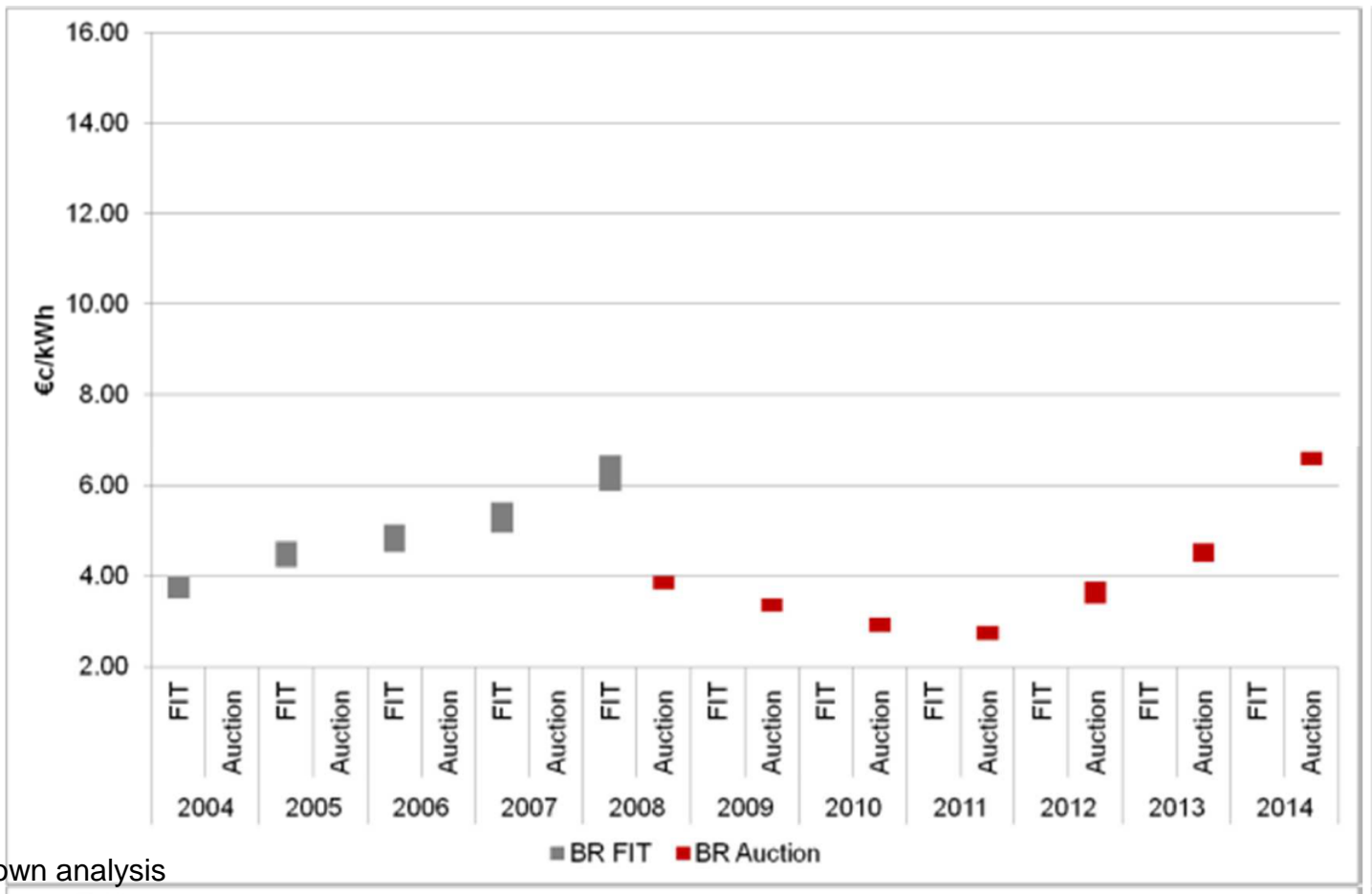


TENDERS/ AUCTIONS CAN DRIVE DOWN PRICES



Source: own analysis

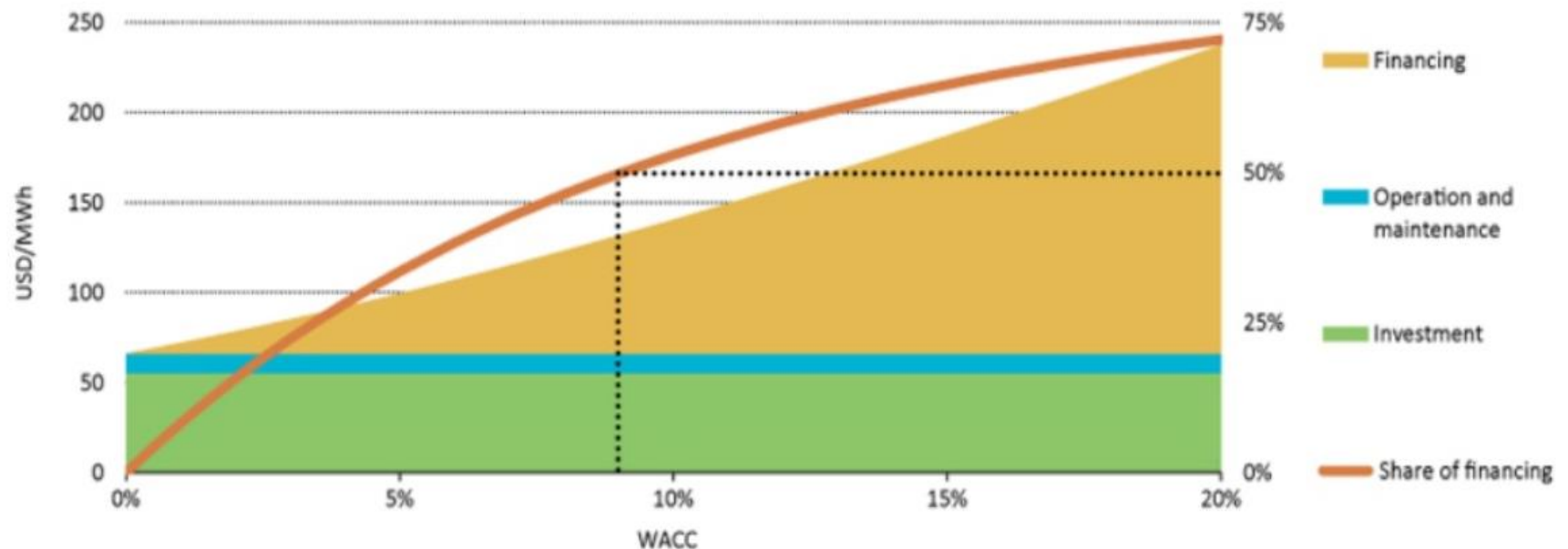
THE LEVEL OF COMPETITION MUST BE SUFFICIENTLY HIGH



Source: own analysis

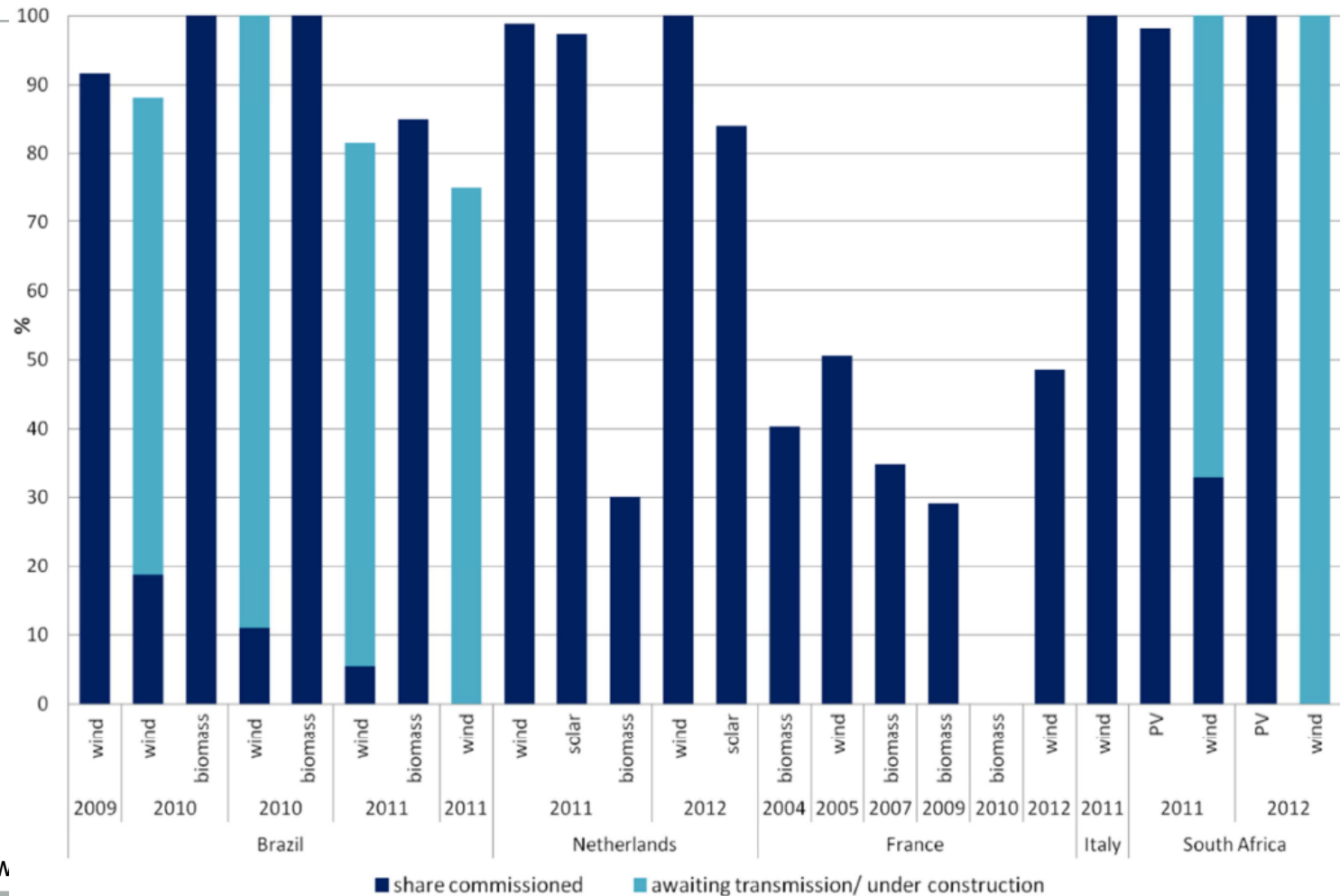
RISKS NEED TO BE MINIMIZED

Impact of weighted average cost of capital on the levelised cost of solar PV



Source: IEA ETP 2015

REALISATION RATES NEED TO BE ASSURED



Source: ow

AUCTION DESIGN IS CRUCIAL

- needs to focus on effectiveness (high realization rates) and efficiency (low costs)
- needs to be adapted to individual countries and technologies

The screenshot shows the 'AURES Auction Designer' interface. At the top, there are logos for AURES and 'PROMOTING EFFECTIVE RENEWABLE ENERGY AUCTIONS'. The main title is 'Auction Designer'. Below this, there's a section titled 'Bidder and Market Characteristics' with a progress indicator showing steps 1 through 9. The current step is 4, 'BIDDERS'. The interface includes a summary bar with filters for COUNTRY, OTHER, TECHNOLOGY (SOLAR-THERMAL), SUPPLY/DEMAND RATIO (1.5:1), FORMAT (SINGLE-ITEM), TYPE (N/A), PRICING RULE (N/A), and PAYMENT (N/A). A 'SHOW ALL' button is also present. The main content area has a heading 'Why do you need to know this?' followed by explanatory text. Below this, there are two form elements: a radio button selection for 'Expected number of bidders' (options: 1 or 2, 3 or more) and a dropdown menu for 'Do bidders (project developers) have good cost information on their projects?' (option: Select).

- auction design tool:
<http://auresproject.eu/auctiondesigner>