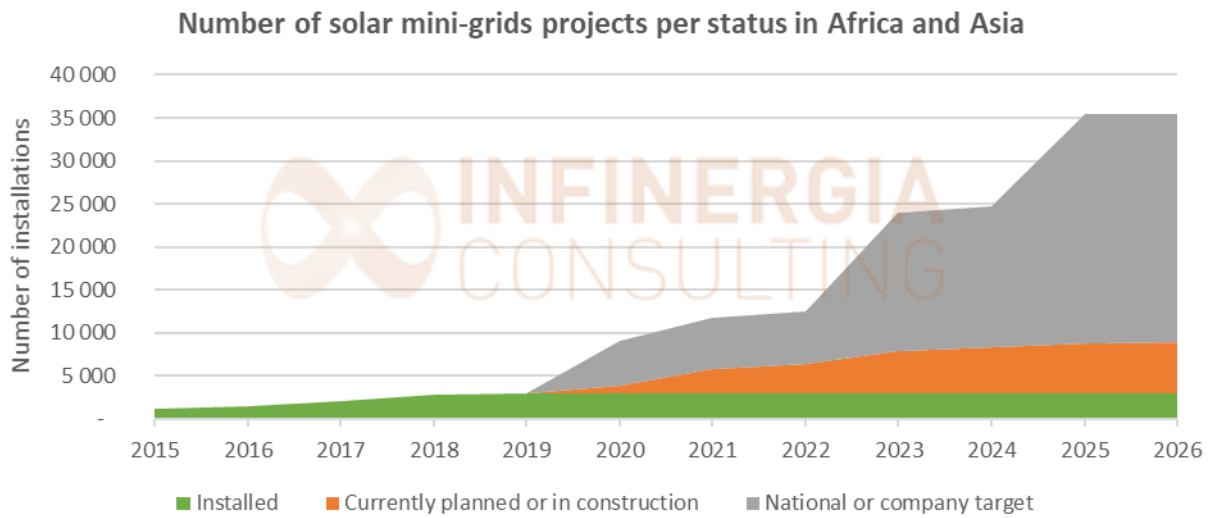


Solar mini-grids for village electrification installations expected to double within 3 years.

Credit: Infinergia



Grenoble, France – December 16, 2019 – Over 3,000 mini-grids are expected to be built by end-2022 in Africa and Asia, according to the latest report from the Clean Energy market research company Infinergia.

The “*Mini-grids for Village Electrification: Industry and African & Asian markets analysis – 2020 Edition*” report analyses the recent developments of this market. Thanks to numerous contacts with the industry and a weekly follow-up of off-grid electricity tenders, Infinergia has a broad view of the regulatory situation and projects (installed and upcoming) in particular over **20 African and 11 Asian countries**.

2019’s announcements **confirm the place of mini-grids** as a complementary solution to Solar Home Systems in the electrification process of remote populations. National Policies (e.g. Kenyan Energy Act or Ethiopian National Electrification Program) and private initiatives (e.g. Tata’s announcement for 10,000 new mini-grids in India) give high expectations for this market.

However, **field installations are not following as fast as public announcements**. Less than 150 new installations have been announced as completed in 2019. Compared to the published tenders and announcements made from 2016 to 2018 many projects are still pending or in construction while some of them are cancelled due to regulatory delays in some countries.

Also, a new type of mini-grids is gaining momentum: **containerized & standardized solutions**. They answer to a real need of easiness of installation and reliability. Infinergia has made an in-depth analysis of the current offers and associated projects.

Mini-grids are local electrical networks (sized between 10kW and 10MW), powered by one or several generation sources (e.g. photovoltaic panels, diesel generators...), storage (e.g. battery) that can provide electricity 24/7 to multiple customers (usually at a village size) at a competitive price. They are completely off-grid (i.e. disconnected from the national grid), in contrast with micro-grids (more common in western countries).

Get more information on this report: <https://www.infinergia.com/en/mini-grid-market-report>

About Infinergia Consulting:

Established in 2009, Infinergia Consulting is a boutique market research and consulting company focused on clean electricity technologies. Infinergia proposes tailored consulting services and multi-client products on clean energy markets including decentralized electricity & off-grid electricity.

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