

📄 緑の気候基金（GCF） 成功事例

## インド：太陽光発電向け資金調達市場創出



Credit: Avijit Ghosh / Climate Visuals Countdown

案 件 名	発電事業用・産業用・家庭用の屋根置き型太陽光発電分野への融資枠設定 (FP081)
資金提供実施者	National Bank for Agriculture and Rural Development
投 融 資 規 模	2.50 億米ドル、うち GCF 分 1.0 億米ドル
概 要	2022 年までに屋根置き型太陽電池 40GW 設置するインド政府の野心的目標の一助とするため、発電事業用・産業用・家庭用の屋根置き型太陽電池の設置資金を提供する資金調達市場を提供することが目的。
マ ク ロ 情 報 (2023 年)	GDP（百万米ドル）： 3,638,490 人口（百万人）： 1,428 1 人あたり GDP： 2,546
関 連 資 料	

## **Developing and leveraging the market for solar photovoltaic (PV) financing in India**

### **FP081: LINE OF CREDIT FOR SOLAR ROOFTOP SEGMENT FOR COMMERCIAL, INDUSTRIAL AND RESIDENTIAL HOUSING SECTORS**

Partner: National Bank for Agriculture and Rural Development (NABARD)

GCF financing: USD 100m

Total financing: USD 250m

<https://www.greenclimate.fund/project/fp081>

This programme aimed to provide upfront financing to develop the commercial, industrial, and residential solar rooftop financing market. This would help India meet its ambitious target of 40 GW of rooftop solar power by 2022.

As the implementing partner, the National Bank for Agriculture and Rural Development blended a USD 100 million concessional loan from the Green Climate Fund (GCF) with USD 50 million in equity and USD 100 million in debt from Tata Cleantech Capital, which was also a partner.

The programme made considerable headway after a slow start due to macroeconomic instability, a changing regulatory environment, and the COVID-19 pandemic. Despite the challenges, Tata Cleantech had approved 267 MW of rooftop solar capacity by the end of 2021 and expected to achieve its target of 250 MW by the end of 2022.

Installations were expected to generate around 4,000 direct jobs and mitigate 8.2 million tCO<sub>2</sub>e over their lifetime. However, that mitigation figure is lower than early estimates because the rooftop plants are generating less power than initially expected, causing the implementers to now plan for a 15-per-cent increase in megawatt capacity.

The project has been an early mover in PV financing and creating the enabling conditions for market-driven delivery at scale. At least nine financial institutions operate in the same solar PV financing market. The project also promotes skills development and jobs for women and supports women-led businesses in procurement.