



**World Food
Programme**

**INNOVATION
ACCELERATOR**

How can Blockchain help to end hunger?

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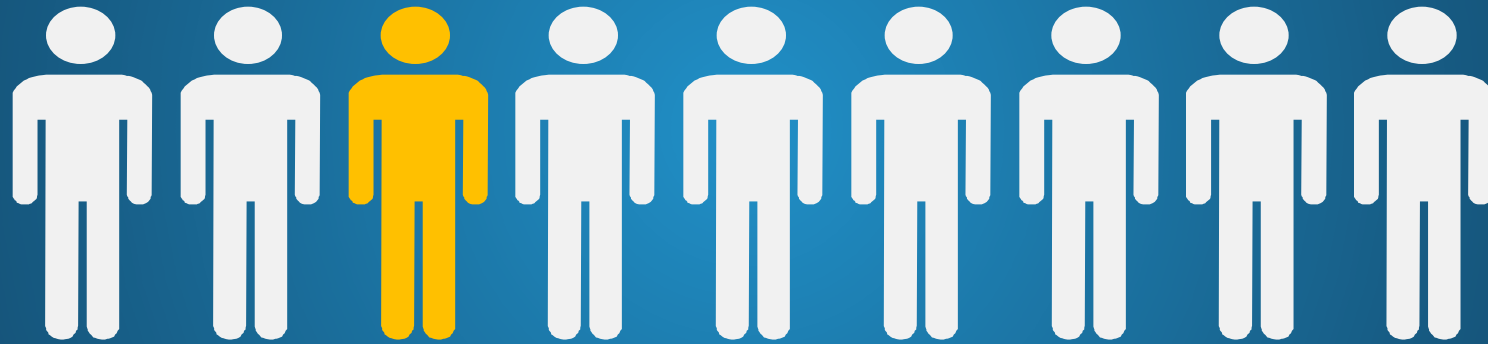


@giovanni_pio1



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The challenge of global hunger





1990



2000



2015



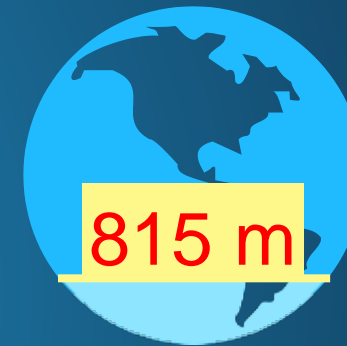
1990



2000



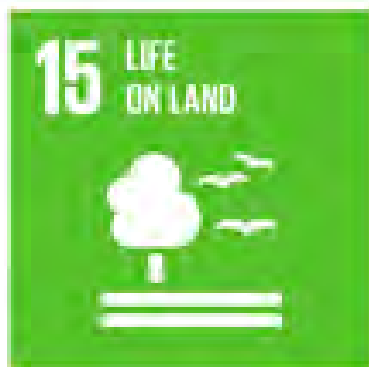
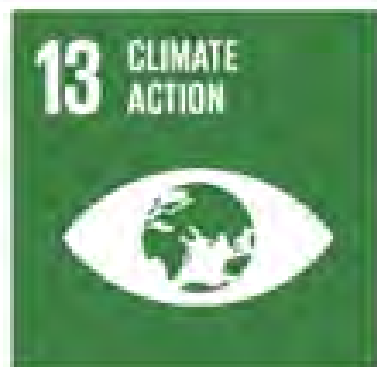
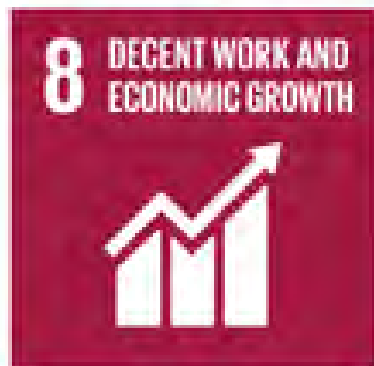
2015



2017







In-Kind Food



Direct delivery of **food to beneficiaries when local markets are disrupted.**

Food basket can be composed of rice, lentils, oil etc. or super nutrient food such as high energy biscuits, fortified rice etc

Cash Based Transfer (CBT)



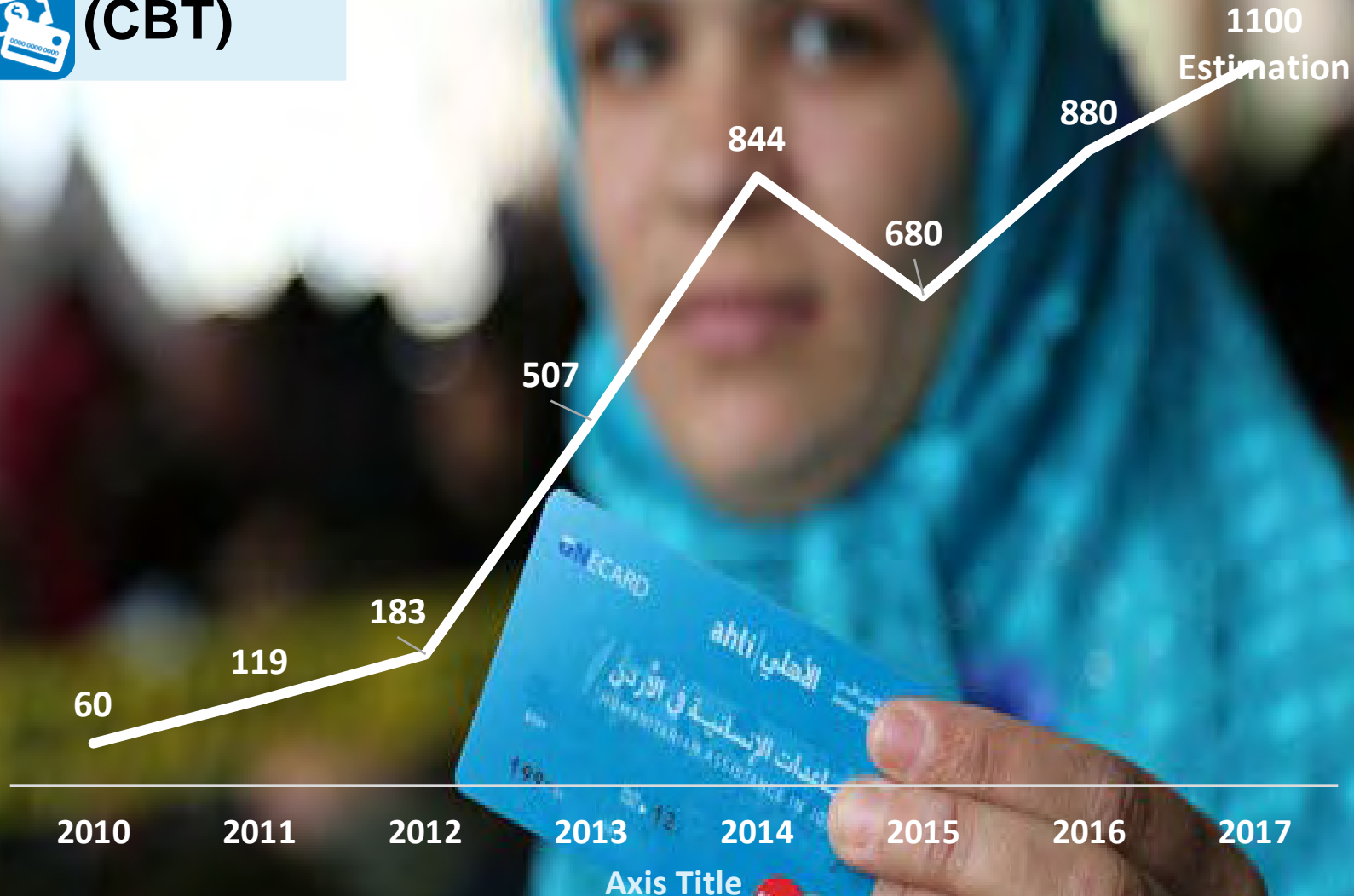
By delivering **cash for food**, WFP is addressing hunger in places where there is **food in the markets** but **poor people cannot afford to buy it.**

“Cash” for WFP involves physical bank notes, **vouchers**, or **electronic funds** being given to **beneficiaries to spend directly.**

Cash Based Transfer (CBT)



Million USD

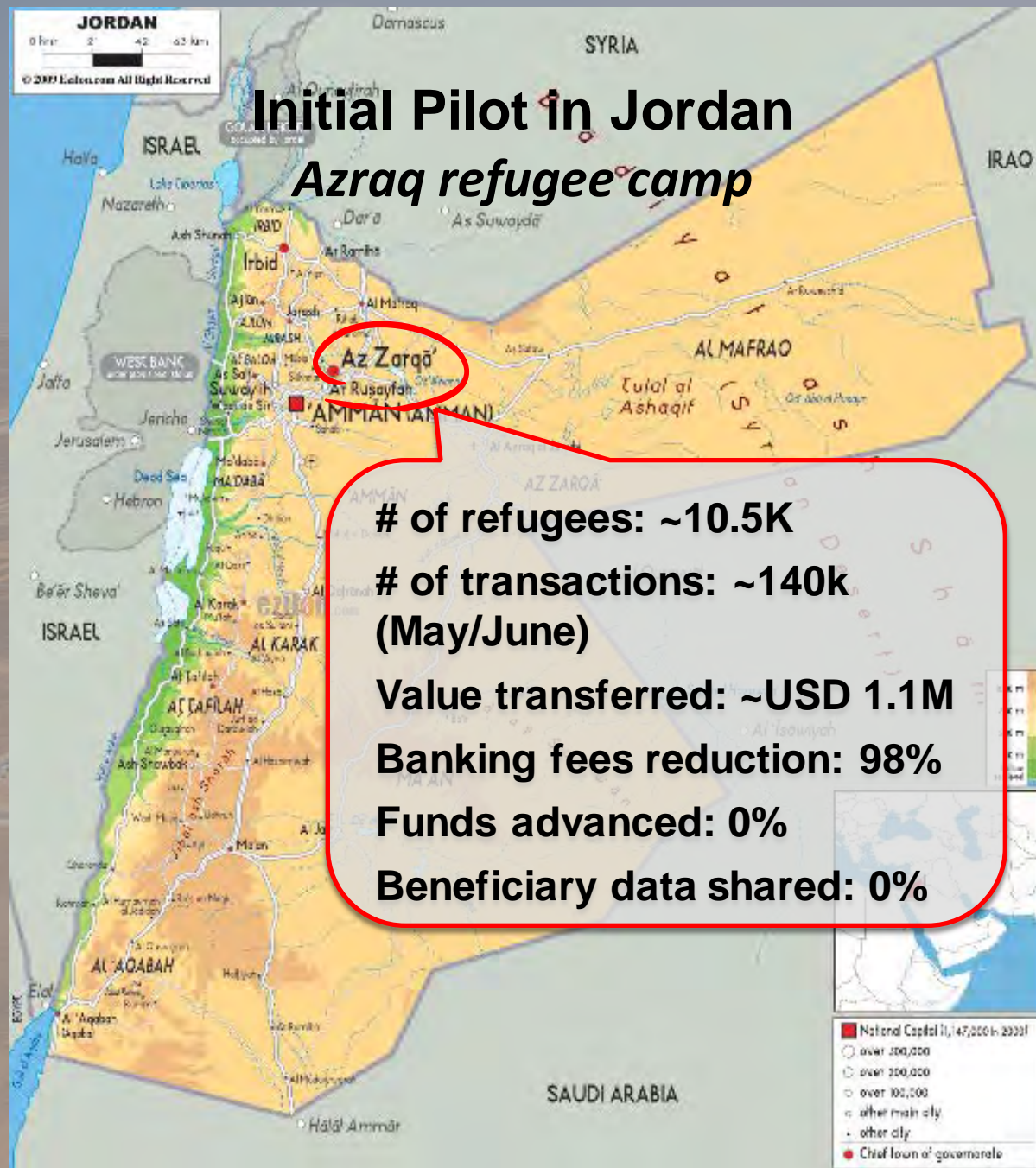


Benefits:

- Boosts the **local economy**
- **Empowers beneficiaries**
- **Increased dignity** for beneficiaries
- **Cost effective**
- **Supported by donors**

Challenges:

- **High banking fees**
- **Financial risk** of insolvency
- **Sharing beneficiaries data**
- **Reliance on vendor** and **lack of direct control**







Tangible Benefits

- Reduction of transaction costs
- More secure transactions
- No need to share beneficiaries data
- Boosting digital financial inclusion
- Inter-agency operability

Blockchain makes cash transfers **more efficient, secure and transparent**



2018

- Scale up in Jordan



2019

- Enter 5 new countries
- Interoperate with one other agency



2020

- Scale up globally
- Work with multiple agencies

**WFP is also exploring new ways of leveraging Blockchain especially
in the area of digital identity management
and supply chain**

Thank you!



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