



Designing high impact programs

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An **Africa-based, Africa-led initiative** to rebuild and strengthen the capacity of African universities to produce well-trained and skilled researchers and scholars in Africa

Consortium for
Advanced
Research
Training in
Africa



How to get there - together

8 African Universities

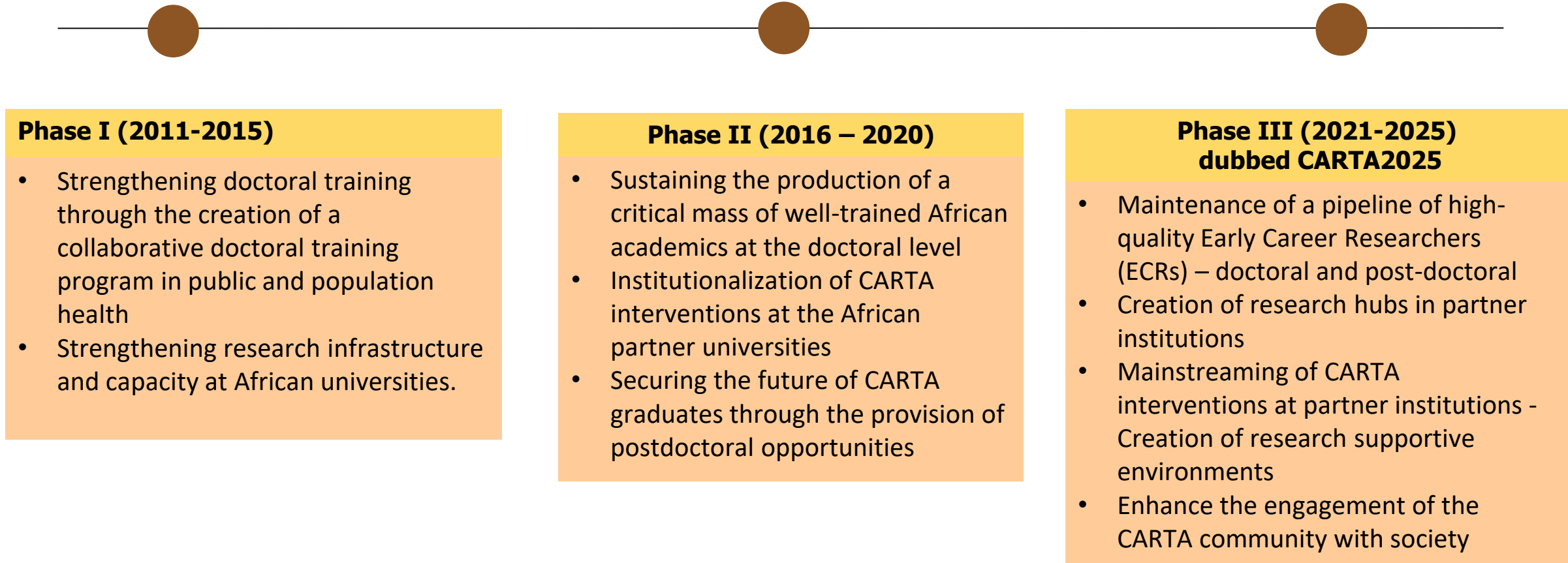
4 African Research Institutions

- African Population and Health Research Center (APHRC), Kenya
- Agincourt Health and Population Unit, South Africa
- Ifakara Health Institute (IHI), Tanzania
- KEMRI/ Wellcome Trust Research Programme, Kenya

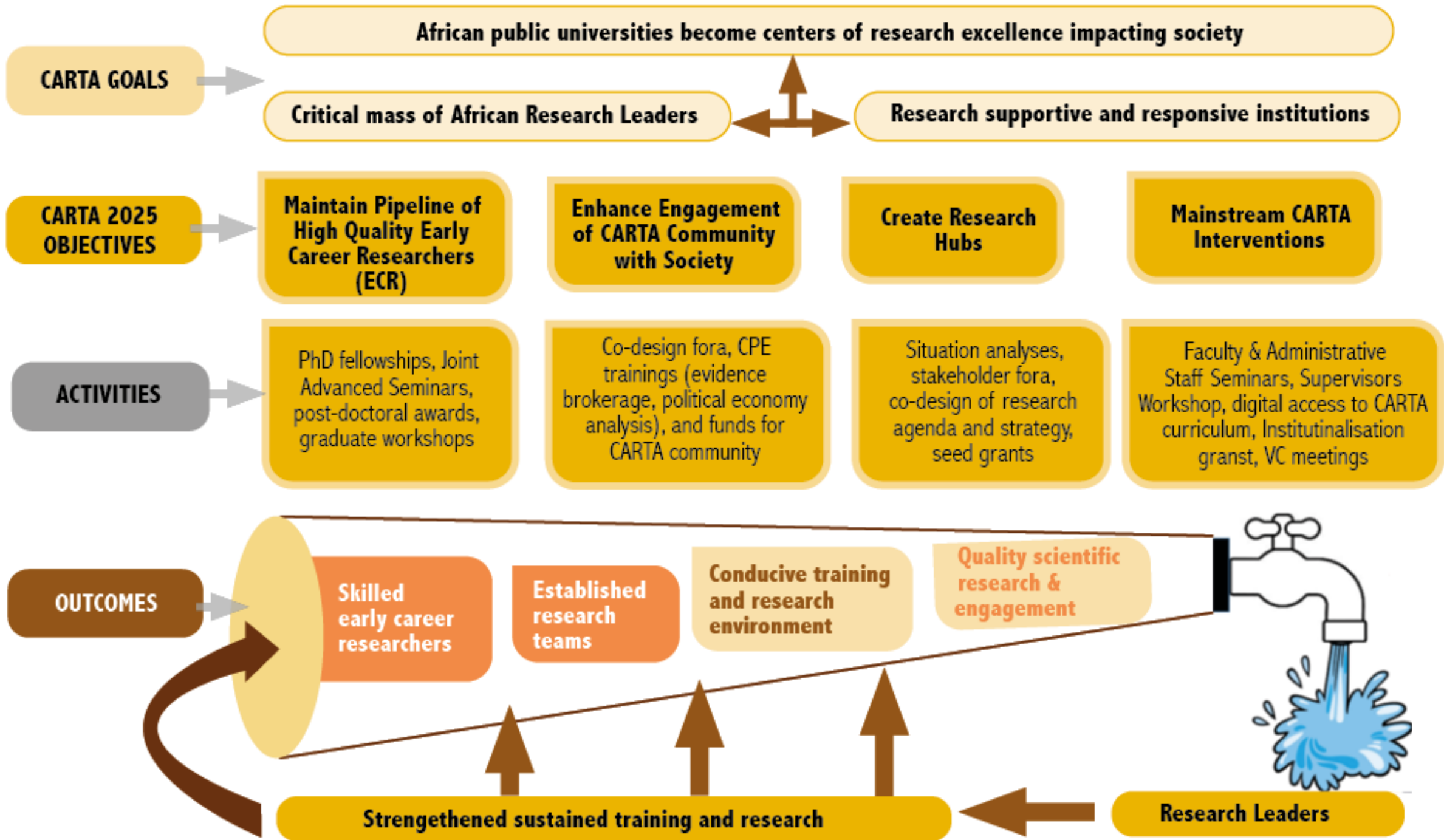
8 Non-African Partners

- Canadian Association for Global Health (CAGH), Canada
- Swiss Tropical and Public Health Institute (Swiss TPH), Switzerland
- University of Gothenburg, Sweden
- Umeå University, Sweden
- University of Warwick, UK
- Brown University, Providence, USA
- University of Bergen, Norway
- ESE:O, Chile



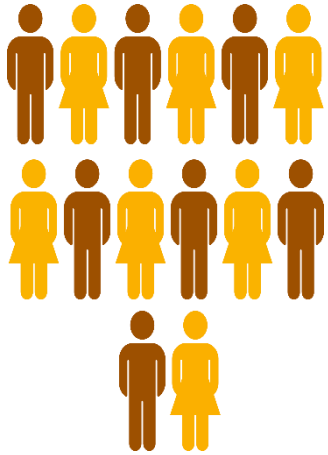


- ✓ Harnessing the power of partnerships ↔ Shared **resources** and **expertise** that allows mobility and choice
- ✓ Equity and mutual respect



CARTA ECR numbers

Fellowships



245 PhD Fellowships

20 Terminations

225 active fellows

137 graduates

73 postdoctoral awards
to 55 graduates

92%

Retention rate

55months

**Avg completion
time***

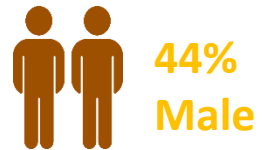
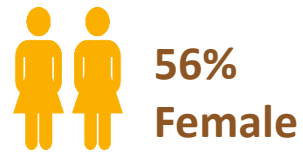
- ✓ **2779** CARTA Fellows' articles in peer reviewed journals (2011-2022) - [CARTA-evidence project](#)
- ✓ **USD 23** Million external grants attracted by CARTA Fellows (2011-2022) including **21** non-CARTA post-doctoral awards
- ✓ **>400** students supervised at different levels

*CARTA fellows are full time staff at partner institutions

CARTA ECR numbers

Gender Distribution

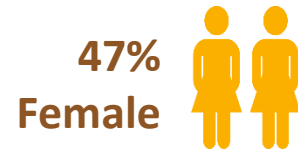
PhD Fellows



Graduates



PD awardees



Consortium for Advanced Research Training in Africa
Building a vibrant multidisciplinary African Academy that is able to lead and impact on Population and Public Health.
Email: carta@aphrc.org Website: www.cartafrica.org

CARTA Position on Gender Equity

Board Approval Date: 2014

1st Revision Date: 2014

2nd Revision Date: 2017

3rd Revision Date: September 29, 2022

CARTA recognizes the importance of gender for development and

<https://cartafrica.org/carta-gender-position/>

Positions of Responsibility and Professional recognition



Francois Niragire
C1, U.Rwanda
**Director of Research &
Innovation, College of
Business and Economics**



Evangeline Njiru
C3, Moi University
**Member, Kenya National
Cancer Institute Board**



Fagbamigbe Adeniyi
C2, University of Ibadan
AAS Affiliate



Cheikh Faye
C5, APHRC
**Head, West Africa
Regional Office**

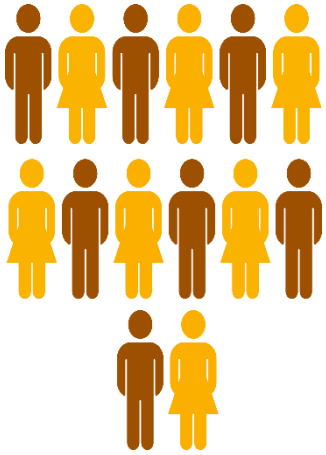


Tonney Nyirenda
C3, U.Malawi
**Leading one of the
COVID-19 diagnostic
centers in Malawi**



Jepchirchir Kiplagat
C5, Moi University
**Associate Director of
Research, Ampath**

CARTA postdoctoral awards



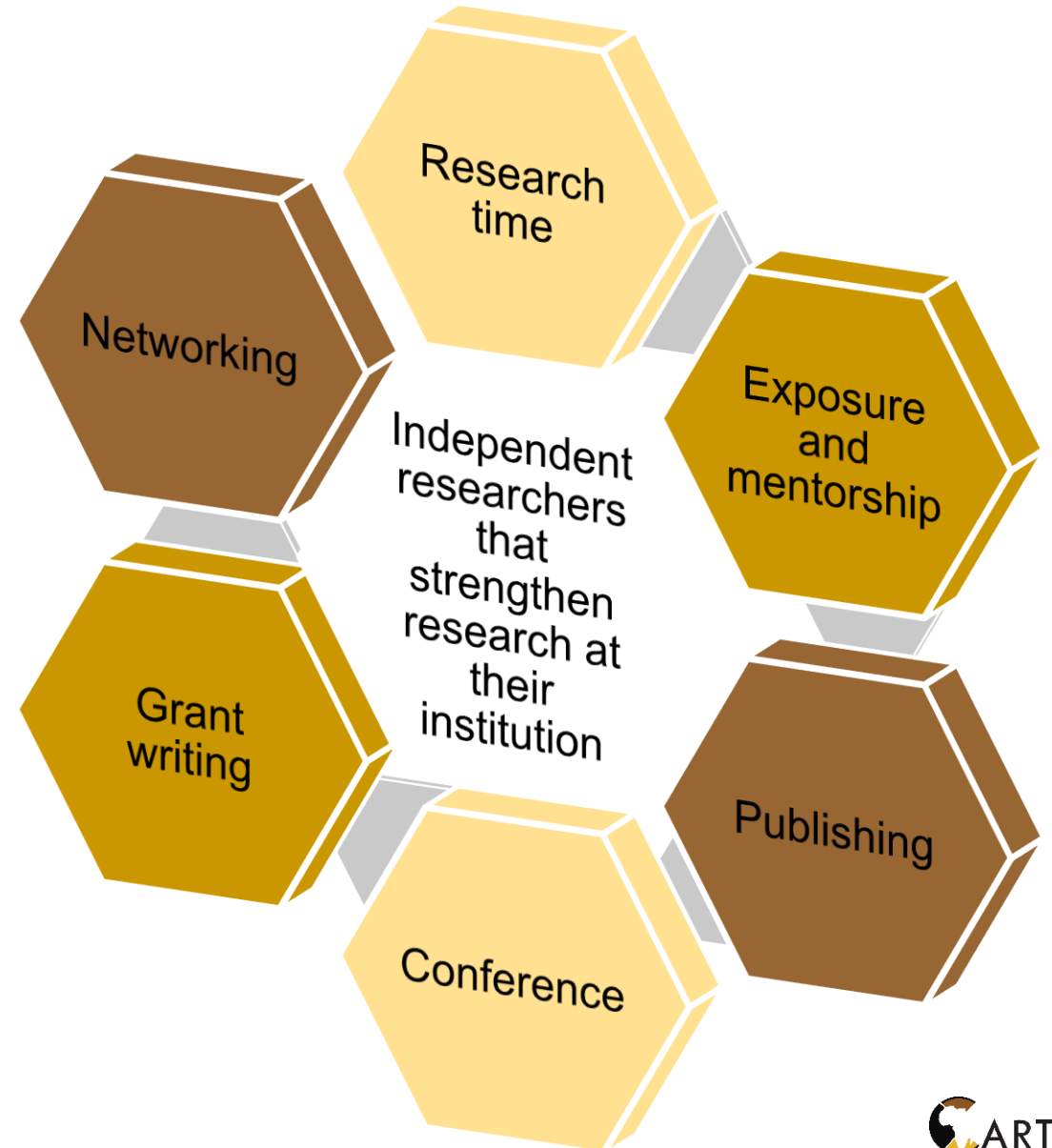
12-month long:

- Traditional or split fellowship
- Re-entry grant

Eligible to one of each

73 postdoctoral awards to 55 graduates

	Male	Female	Total
Have only one award	17	20	37
with one award – re-entry g.	15	15	30
with one award - fellowships	2	5	7
Have two awards	12	6	18
Re-entry as first award	5	0	5
Fellowship as first award	7	6	13



Trickle down effects



INDIVIDUAL LEVEL

- Fellows remain engaged in research and establish themselves as independent researchers
- Fellows are competent in research dissemination
- Fellows become research leaders – leading teams, large projects, or cutting-edge work in their field
- Fellows successfully engage students in their research projects and supervise them to graduation
- Fellows maintain cross-border networks and collaborations



INSTITUTIONAL LEVEL

- Institutional research capacity is bolstered – more researchers and greater capacity of researchers who are retained in institution
- Institutional capacity for research, including infrastructure, is increased
- Research output at institutional level is increased
- Capacity within institution for postgraduate teaching and supervision is strengthened
- Mentorship programmes are institutionalised
- Enabling environment for research is strengthened

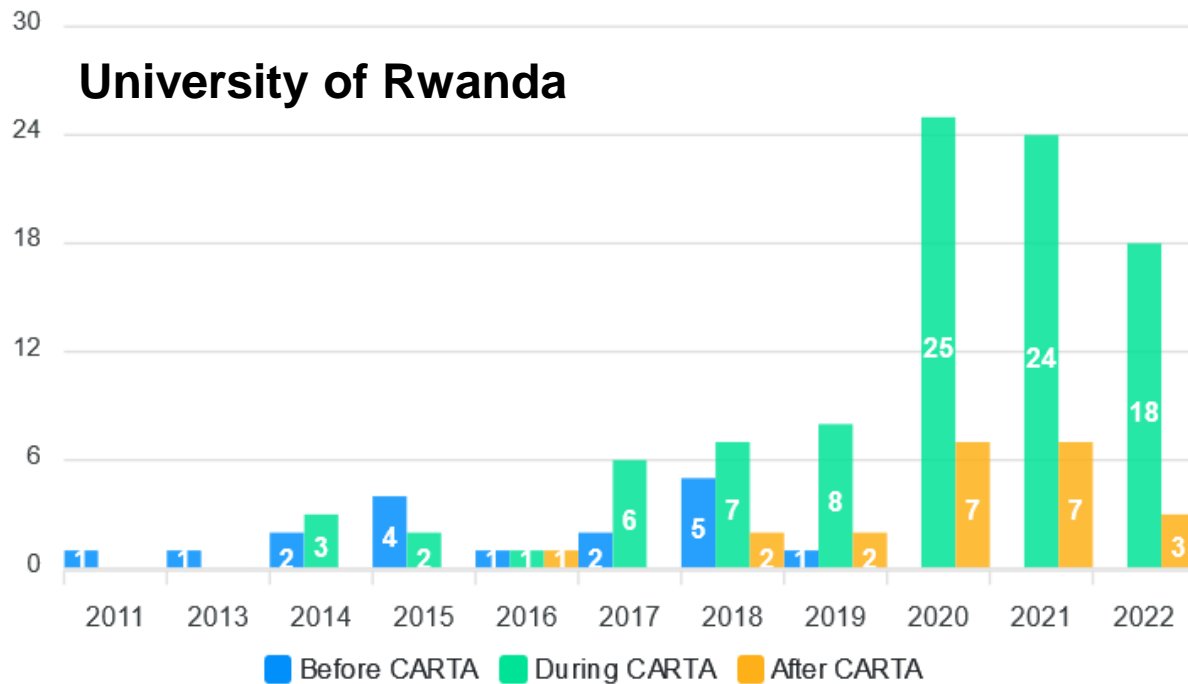


MACRO LEVEL

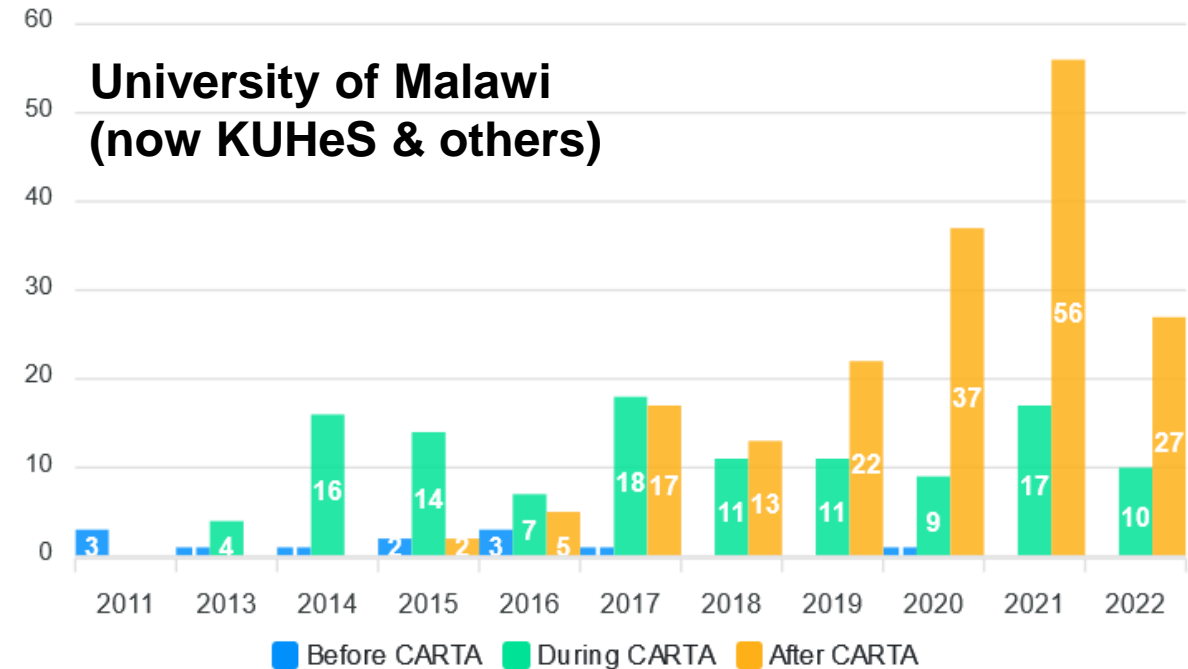
- A critical mass of researchers in Africa is attained and sustained
- The value of the knowledge/research produced by African scholars is acknowledged by the public and policymakers in Africa
- African institutions become policy influencers and sources of decision support

CARTA ECR numbers

Publications per year (before, during and after the fellowship)



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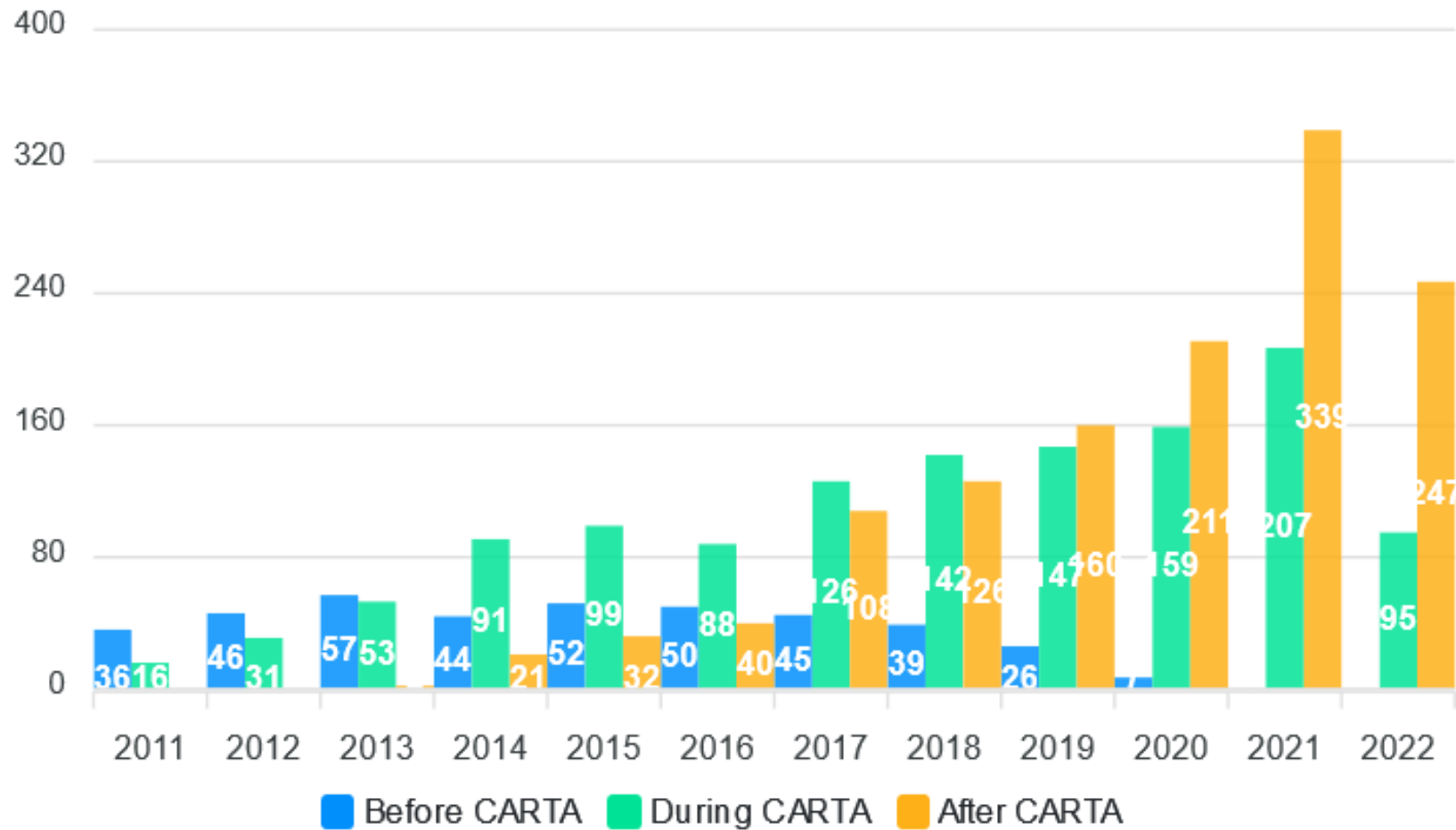
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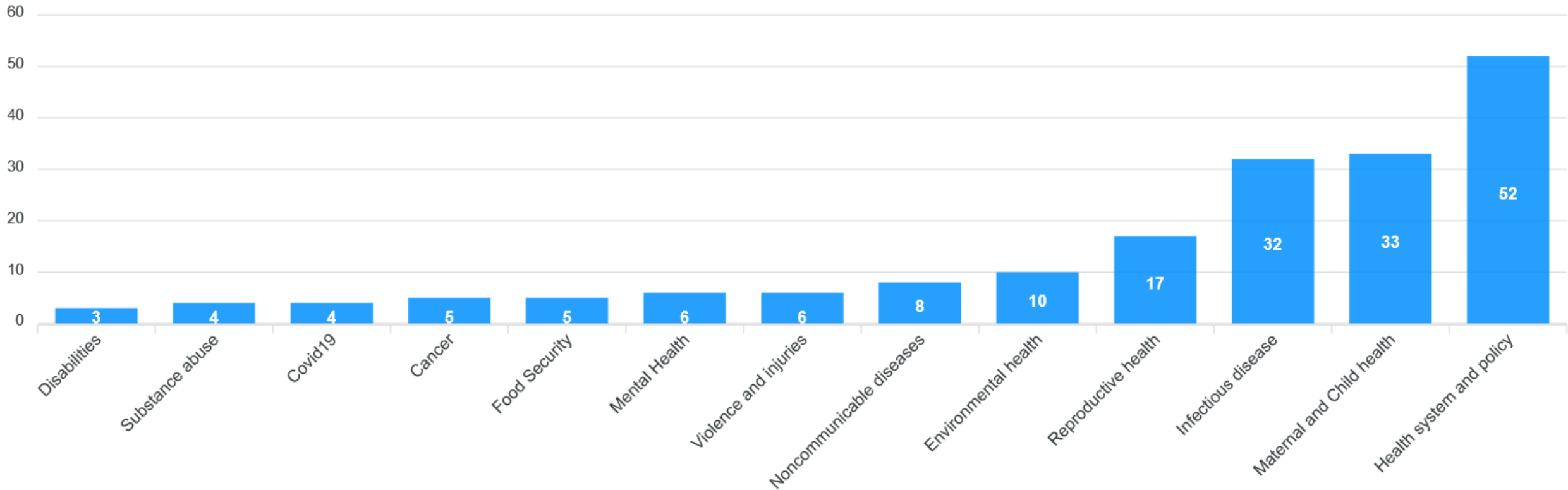
CARTA ECR research

Publications per year (before, during and after the fellowship)



CARTA ECR research

Percentage distribution of priority research conducted (topics are not mutually exclusive)



CARTA – Beyond the individual level



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INDIVIDUAL



INSTITUTIONAL



ECOSYSTEM

IT IS A LONG PATH



Researchers
per million
people



Attractive
career paths



More skilled researchers

Other achievements on CARTA interventions

Institutional staff training

250 Supervisor W. trainees

659 Res.Mgt. trainees

6 senior staff visiting fship

7 institutional grants

Mainstreaming CARTA interventions

7 Revised curricula

4 ToT courses developed

Digitized material

4 ToT workshops

3 institutions with CARTA-inspired structured PhD curriculum

Funders

Current



Past



In Kind –
all partners



Thank you!



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