Teaching and Expanding

Eye Care in Litein, Kenya

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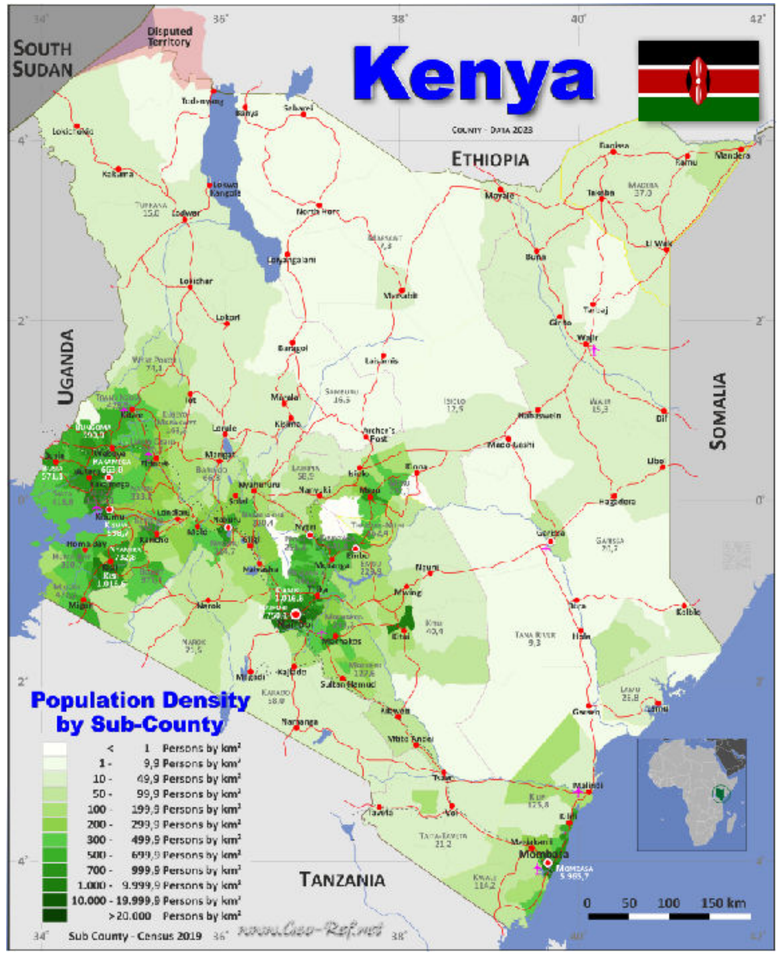


Content

- Eye Care in Kenya
- AIC Litein Hospital
- Eye Department
- Training
- Plans 2024- 2029
- Building
- Future

Eye Care in Kenya

- Population 53 million (2021)
- Prevalence blindness 0.7% of which 43% cataract
- 7.5 M in need of eye care, only 1.6 M are seen
- 151 Ophthalmologists, of which > 50% practice in Nairobi
- 176 Ophthalmic Clinical Officers / Cataract Surgeons
- Government vs private practice 50 / 50
- About 15% of Kenyans have ocular morbidity requiring treatment



Eye Care Kericho County

- 1 million inhabitants (2023) mostly rural
- >= 60 yrs 51.000
- Very densely populated
- Low health insurance coverage
- Visual impairment : 8,3% (RAAB 2007)
- Effective Cataract Surgical Rate in Kericho area: 66% (2007)









AIC Litein Hospital

- 1924 dispensary
- 1942 first cataract surgery
- 1990 first Kenyan physician
- 220 beds, 550 outpatients per day
- Faith Based
- Level 5, teaching and referral



Eye Department

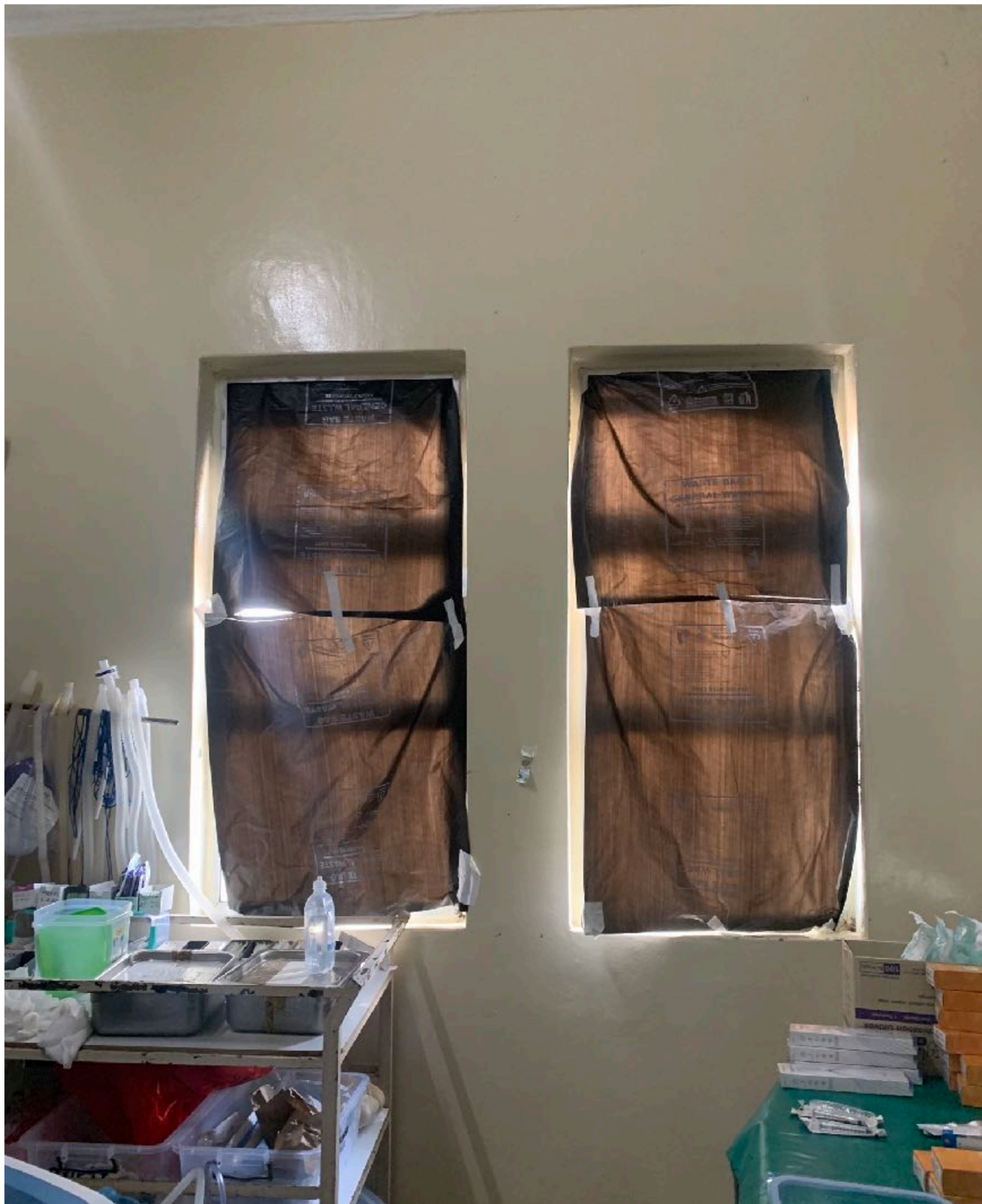
- 2 cataract surgeons (Clinical Officers)
- 1 optometrist
- 1 ophthalmic nurse
- 1 ‘ I do everything’ in the OR
- Trainees
- 300-400 SICS / year



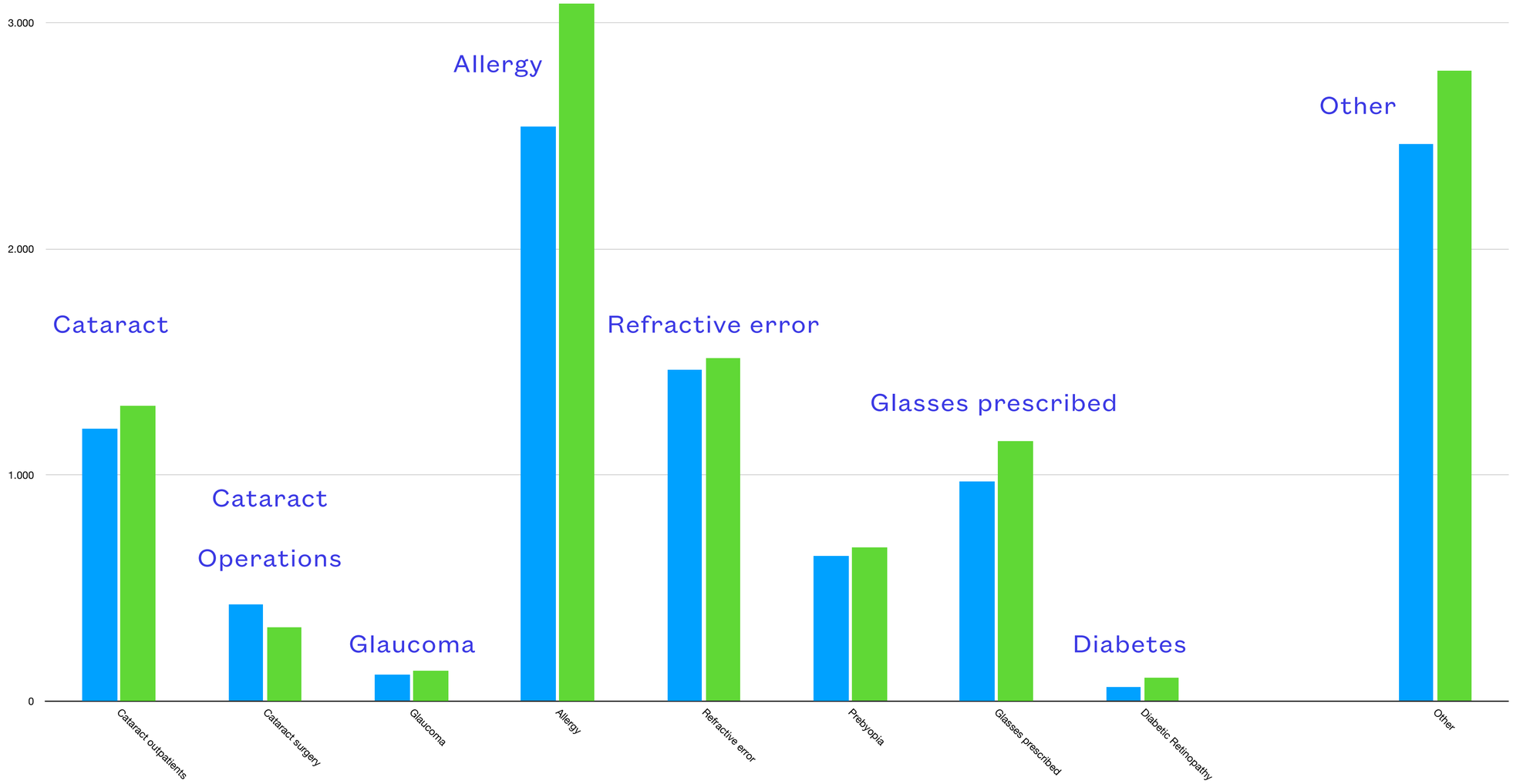

Lacoma 7
GLOPAT CD
Lacoma

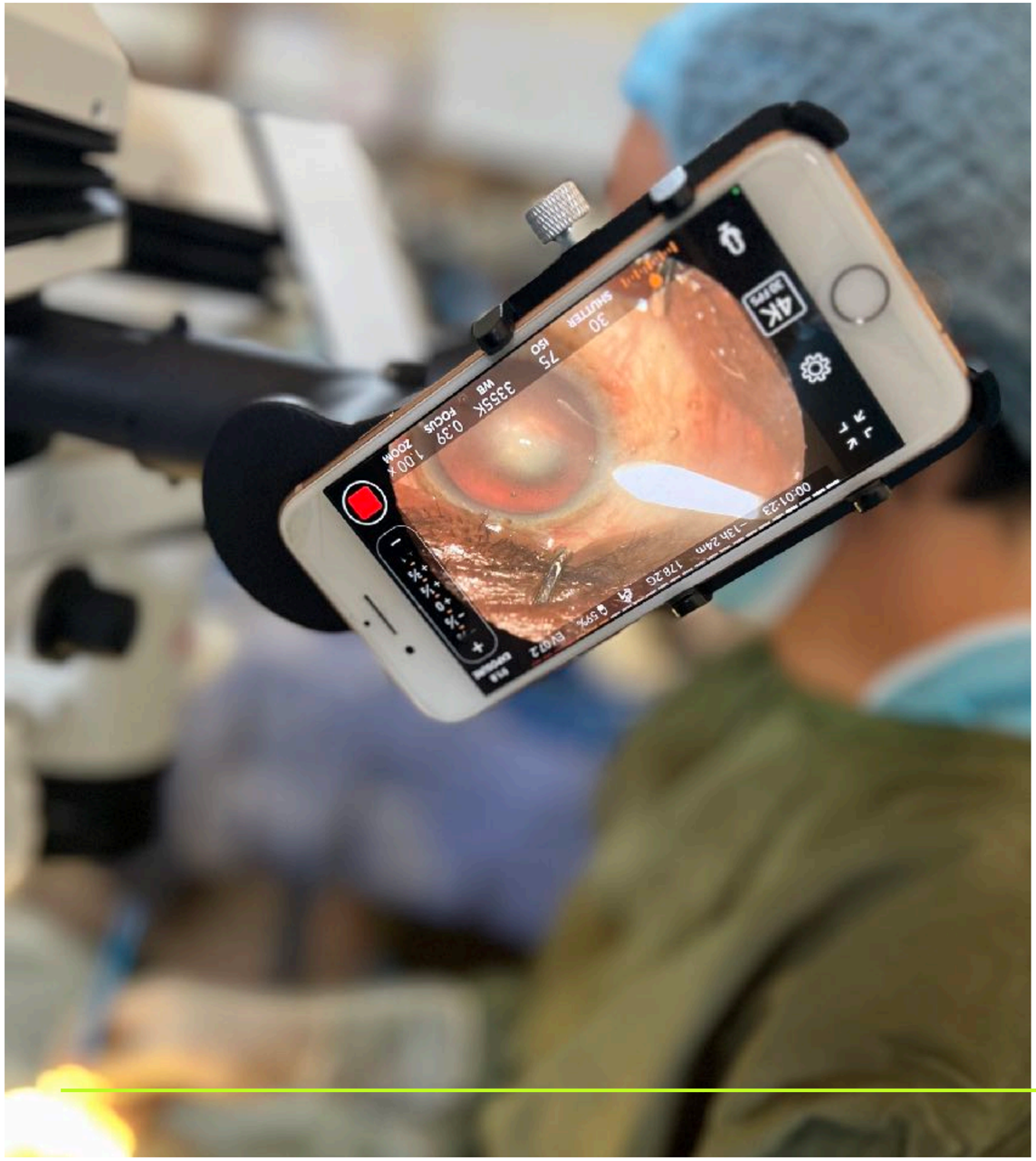






- Diagnosis Litein 2022 vs 2023





Training

- Refraction pre- and post op
- Biometry
- Phaco and SICS
- Registration results
- Routing , space, storage
- Eye pressure
- Teaching sessions (ulcers, glaucoma, etc)



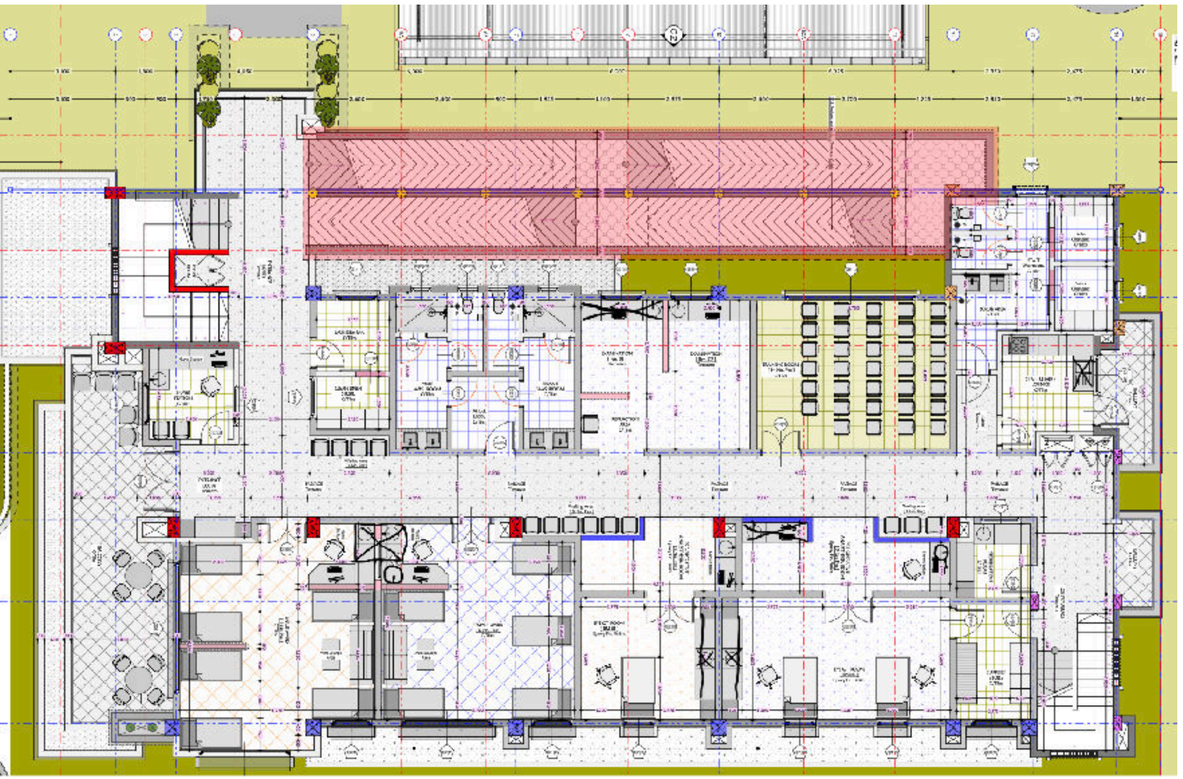
What goes well?

- Very enthusiastic team and leadership
- Open to improvements
- Treat the blind who do not have insurance
- 300-400 SICS a year
- Training facility
- Hospital has land to expand
- Good contacts with Rotary Club of Kericho



What can improve?

- Expand the Eye Department
- Improve pre- and postoperative refraction
- Improve visual outcome
- Include 6 weeks visit in cataract payment
- Increase the cataract surgical rate to 2000
- Start phaco surgery for younger patients and less hard cataracts
- Improve research /training facilities



Plans 2024 - 2029

- Bigger and Better Eye Department!
- Stand alone clinic
- SICS and phaco
- 2000 cataracts a year
- Good uncorrected post-op vision
- Training facility (Ke / NL)
- Research

How?

- Phaco training for Cataract Surgeon Mike Torotich in India
- Frequent visits Eye Specialists from outside to teach (and learn SICS)
- Frequent Outreach Programs (free consultation)
- Fundraising through Blessed Sun Foundation (building) and Rotary International (equipment and training)
- 5- year commitment Rotary Clubs of Kericho, Huizen Gooimeer and the Litein Hospital

When?

- Groundbreaking has taken place in January 2024
- Architectural drawings approved (February 2nd 2024)
- Tenders sent out (6 contractors, deadline 6th March 2024)
- Fundraising not sufficient yet (€ 90.000 so far for the building)
- July 2024- 1 month visit optometrist and physician assistent Bergman Clinics
- January 2025- 1 month visit Dr. Eenhorst (oculoplastics)
- Phaco training India Mike costs € 6500 plus ticket….



Eye Care in Litein

Twende!