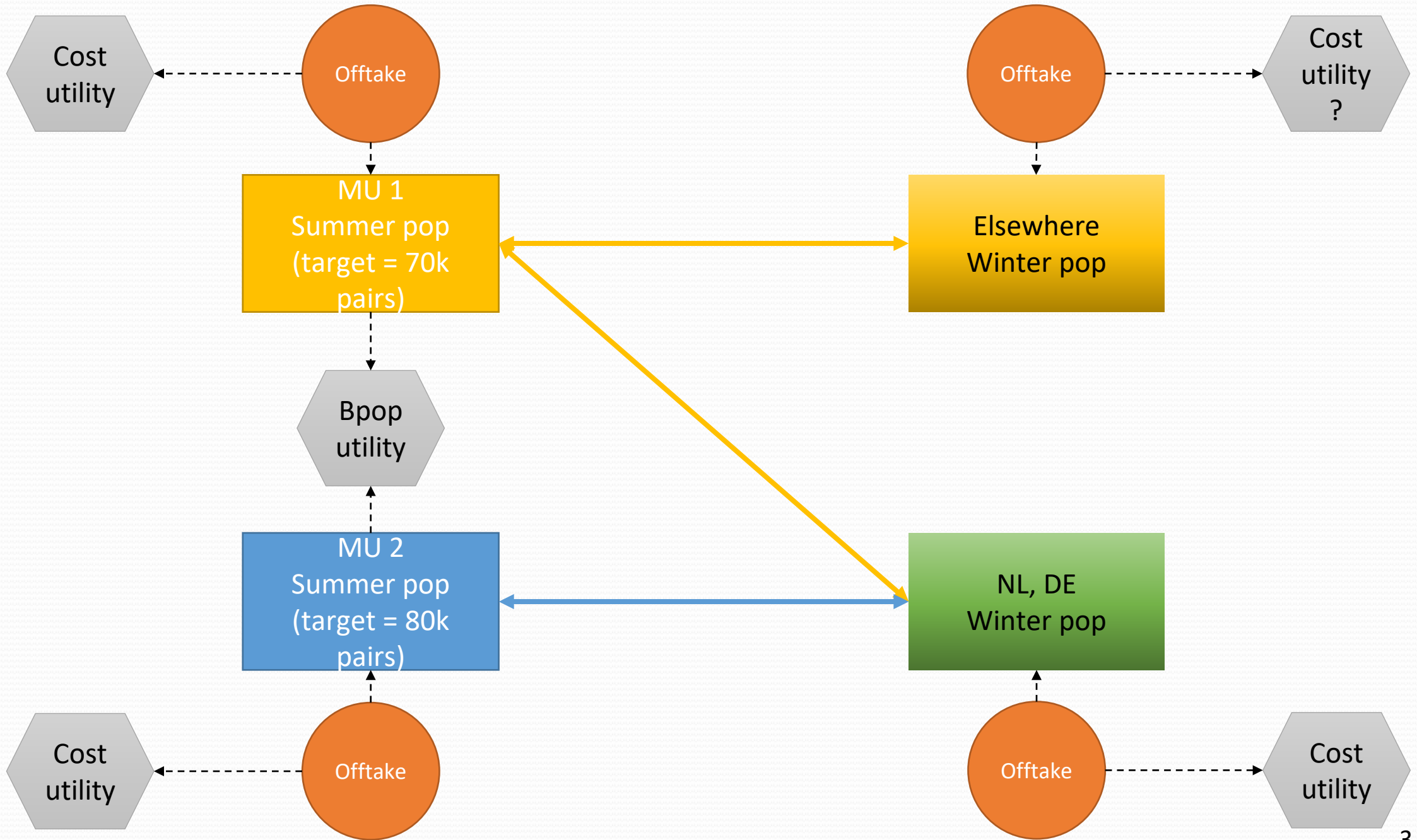


Managing the Offtake of Greylag Geese from Two Management Units in Western Europe

- Project proposal by the EGMP Data Centre and Dutch Modeling Consortium
- Addresses a key element of the AFMP:
 - to “establish an internationally coordinated population management programme for both [management units], including offtake under hunting and, if necessary, under derogations, encompassing monitoring, assessment and decision-making protocols.”
- The EGMP IWG agreed in 2020 to reduce population size by 15% over 10 years by increasing the level of offtake. *Info-gap analysis supporting this decision is scheduled to be discontinued in 2023.*

Proposal: Component I

- What would a system for coordinated offtake look like?
 - Construct a matrix population model to characterize the dynamics of both MUs using demographic rates gleaned from the literature, etc
 - Pose alternatives for magnitude and the seasonality (and perhaps age) of the offtake in breeding and wintering sites
 - Assess the value of those alternatives, where value is defined by both the ability to meet population targets and by the costs of offtake (e.g., the costs of government-funded derogations)



Proposal: Component II

- How might the winter offtake in the Netherlands best be managed to minimize impact on MU1 birds?
 - Estimate demographic rates for the sedentary segment of the population (MU2) using available capture-mark-recapture, productivity, and abundance data
 - Construct a population model that accounts for the spatial and temporal distribution of both sedentary and migratory segments in the Netherlands

Timeframe & Budget

- Component I: Data Centre
 - 18 months from receipt of funding
(needed by Jan 2022 to be ready for end of info-gap)
 - € 50,918 (Salary + AU overhead) needed
- Component II: Dutch Modeling Consortium
 - 4 years (2021 – 2025)
 - ca. € 247,000 funded by BIJ12 agency in the Netherlands, the 12 provinces, and the Netherlands Ministry of Agriculture, Nature and Food Quality
 - Funding to be shared by Wageningen Environmental Research, Netherlands Institute of Ecology, and Dutch Center for Field Ornithology