



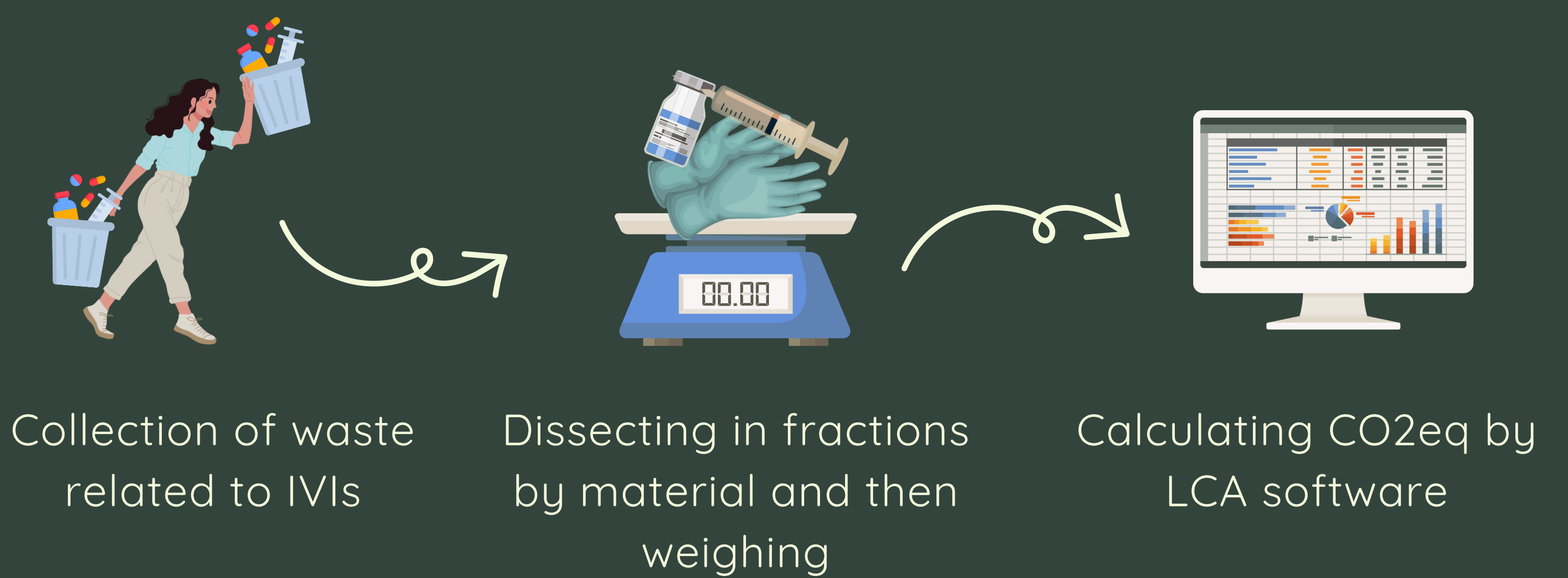
SUSTAINABLE EYECARE: EVALUATING THE CARBON FOOTPRINT OF INTRAVITREAL INJECTIONS

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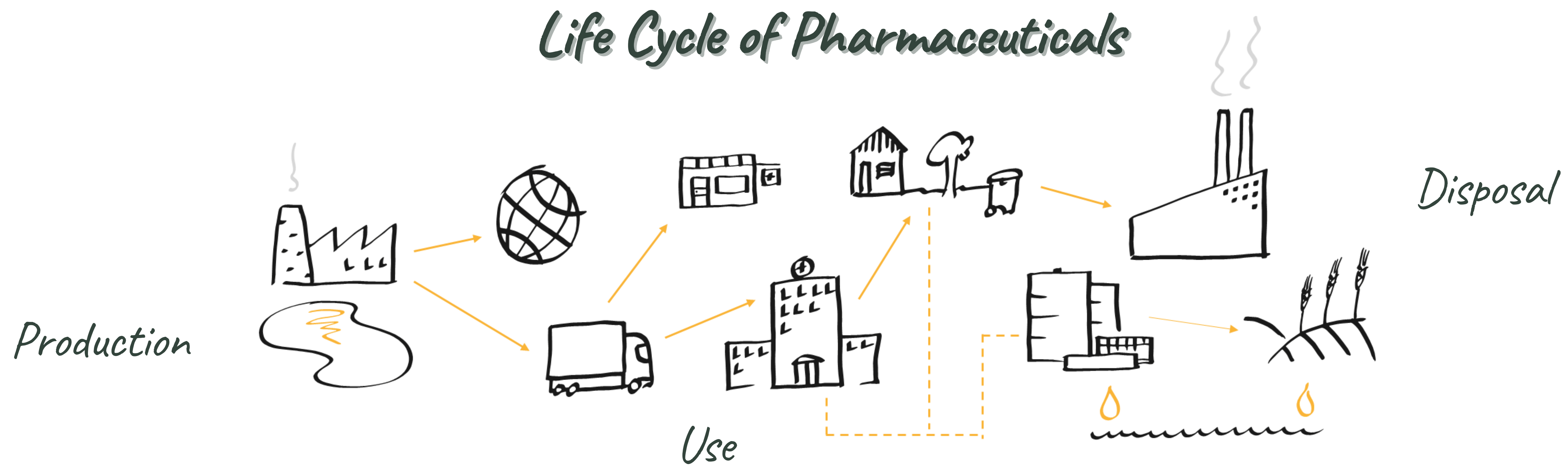
Objective

This study aims to quantify the carbon footprint of intravitreal antiVEGF injections (IVIs) administered at Odense University Hospital, Denmark for three therapeutically equivalent anti-VEGF medications

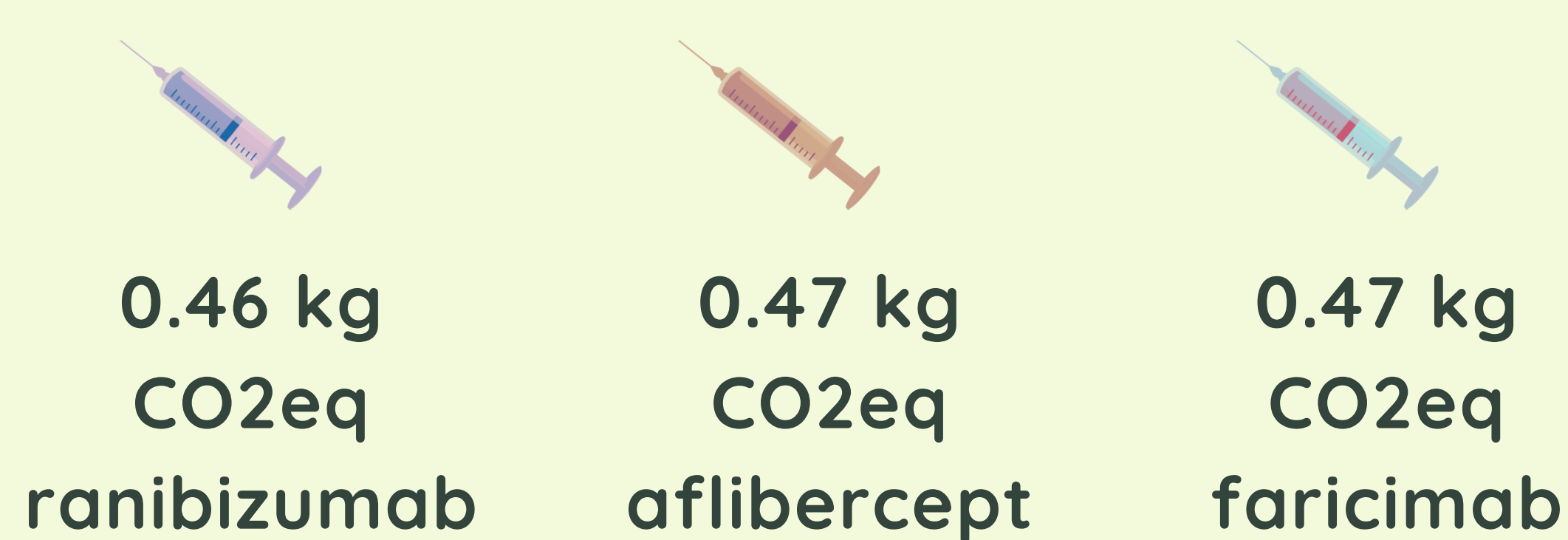
Methods



Life Cycle of Pharmaceuticals



Results



CO₂eq is reported as per injection

A years worth of IVIs at Odense University Hospital is CO₂ equivalent to 12 return flights Copenhagen - New York



Conclusion

By collecting, dissecting (into fractions by material) and weighing waste from IVI procedures, we were able to calculate the CO₂eq of the “use” phase, of three, therapeutically equal antiVEGF drugs. Although the CO₂eq for one IVI might seem negligible, the procedure is performed in great quantities, suggesting a substantial climate footprint.

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