

HEGEMAN & CAPE









CSRD Regulation Hegeman needs to comply with from 2028 about emission reporting. CO₂ PRESTATIELADDER Optional certification for sustainable companies that grants them with a financial advantage in obtaining construction projects. **EMISSION REDUCTION** Set emission reduction targets & show how these will be achieved **ECOLOGIC PROJECT** Relevant for all Dutch construction companies that are improving their sustainability performance.

PROBLEM CONTEXT

SOLUTION

INVESTMENT DECISION-MAKING MODEL

Achieve your CO₂ emission reduction target!

MINIMIZE COSTS

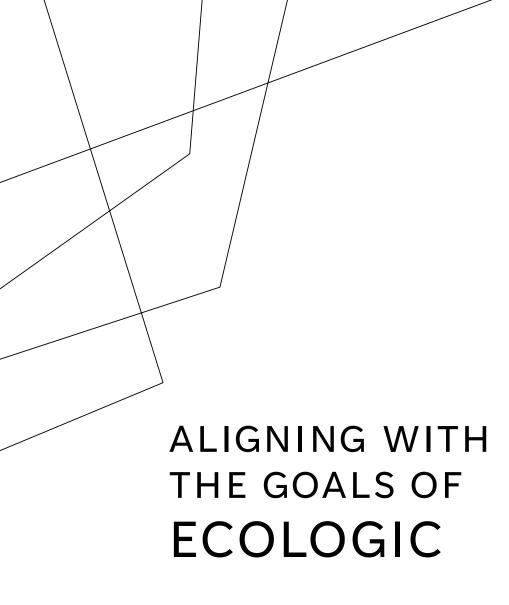
Minimize total investment costs

MENDIX INTERFACE

Easy to use for Hegeman

PYTHON MODEL

Mathematical model



 IMPROVE SUSTAINABILITY IN THE DUTCH CONSTRUCTION SECTOR

DEVELOPING DATA-DRIVEN INSIGHTS
& ADVANCED ANALYSING TECHNIQUES

TESTED IN PRACTICE

PLAN OF APPROACH









2. CONTEXT ANALYSIS



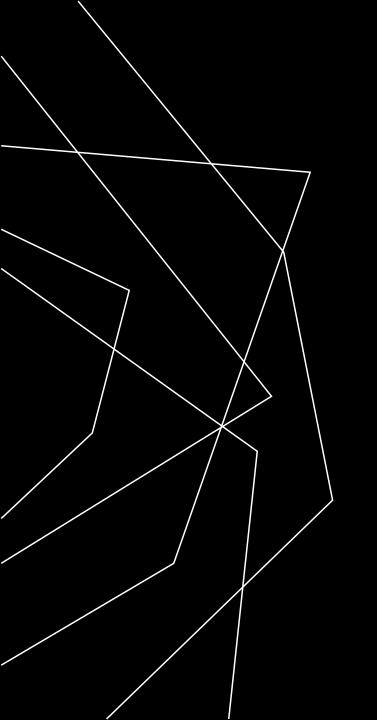
3. LITERATURE STUDY



4. MODEL DEVELOPMENT



5. RESULTS ANALYSIS

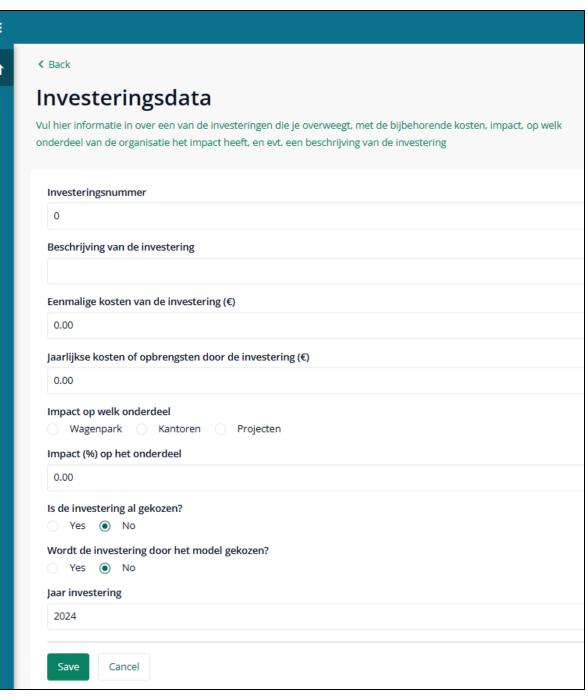


PREVIEW OF THE INVESTMENT DECISION-MAKING TOOL

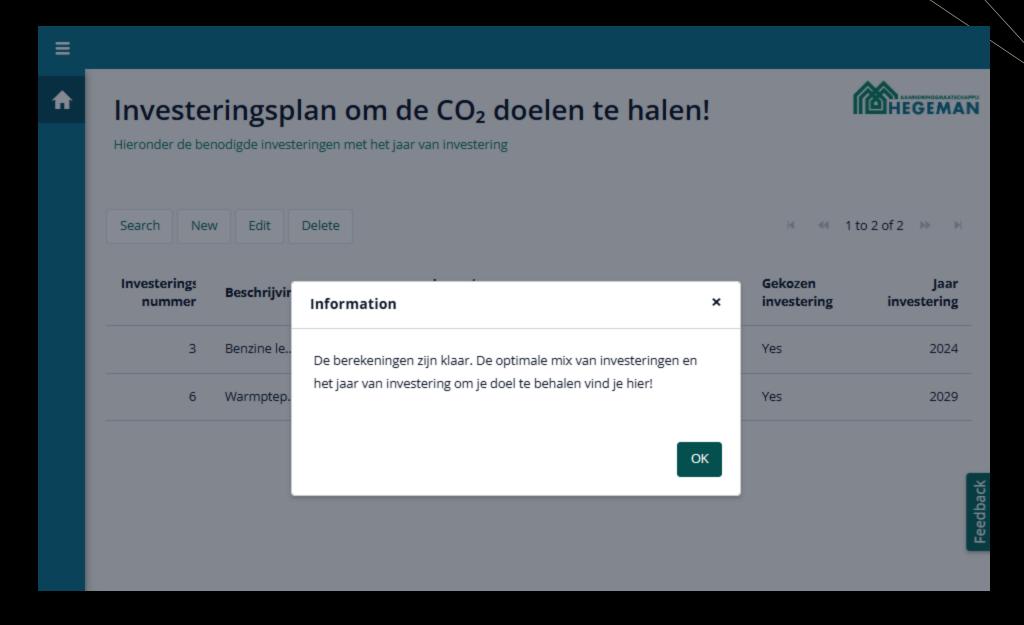
FOR HEGEMAN

ENTER YOUR INPUT DATA





RESULTS OF THE OPTIMIZATION MODEL



RESULTS OF THE OPTIMIZATION MODEL





Investeringsplan om de CO₂ doelen te halen!



Hieronder de benodigde investeringen met het jaar van investering

In	vesterings nummer	Beschrijving	Kosten	Impact op onderdeel	Impact	Al gekozen	Gekozen investering	Jaar investering
	3	Benzine le	30000.00	Wagenpark	40.00	Yes	Yes	2024
	6	Warmptep	1000.00	Kantoren	15.00	No	Yes	2029

