



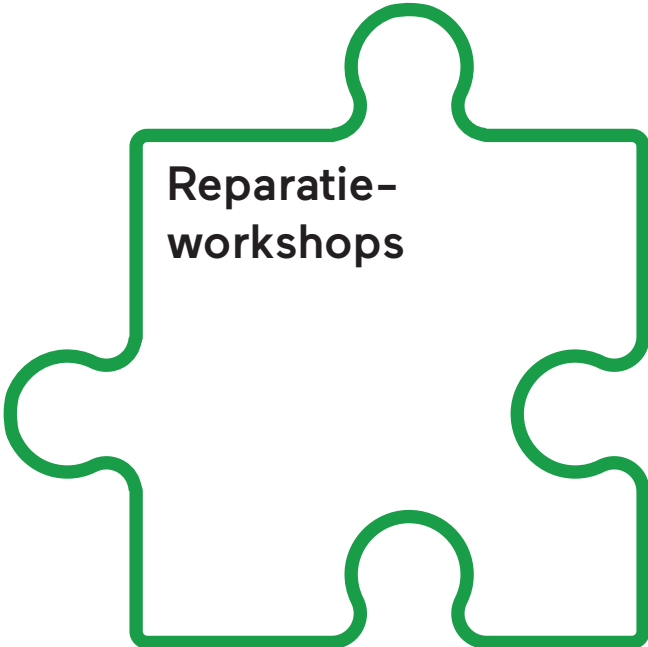
**Schonere lucht als
gezamenlijk doel**



**Meetstrategie 2019
(verschillend per
meetgemeenschap)**




Bijeenkomsten



**Reparatie-
workshops**



Hollandse Helden



**Maandelijkse
meeting (Hollandse
Helden, Waag,
Province)**



**Werkgroep:
communicatie en
community**



**Werkgroep:
technologie**



**Werkgroep:
data analyse**



Regiegroep



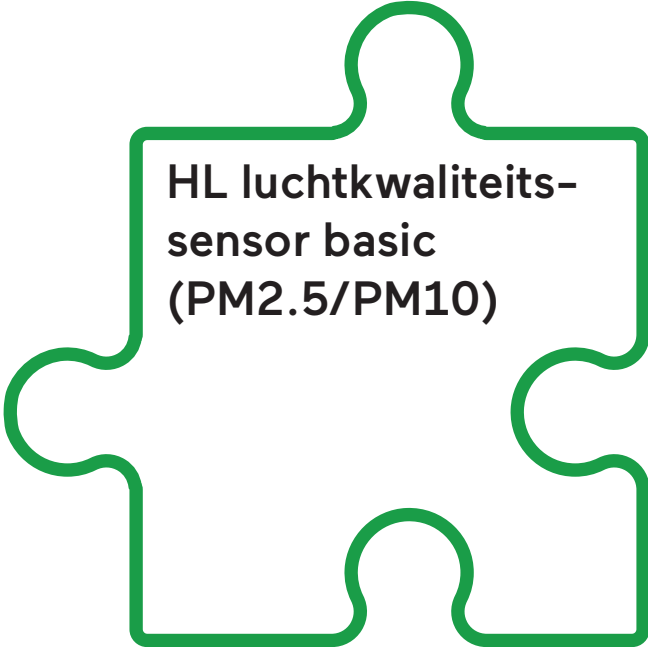
Website



Nieuwsbrief



**Sensor-onderhoud
door Hollandse
Helden**



**HL luchtkwaliteits-
sensor basic
(PM2.5/PM10)**



LORA netwerk



LORA gateways



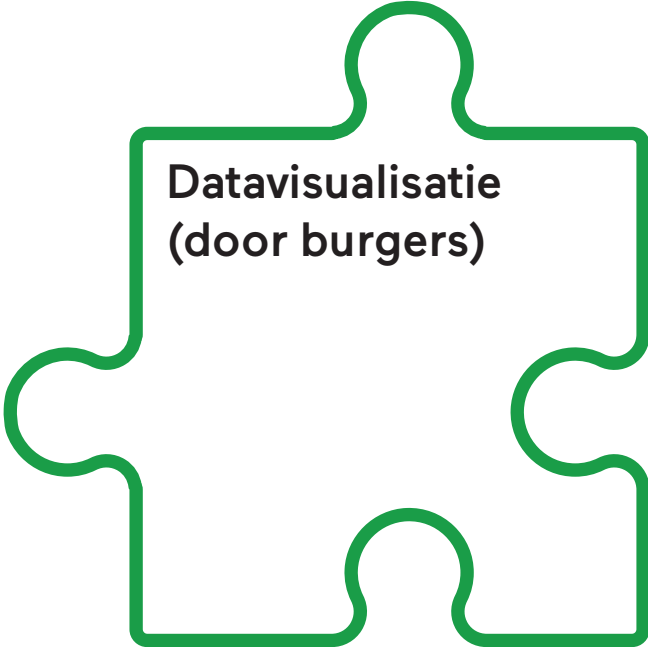
**SD-kaarten als
backup**



**Servers (Provincie
Noord Holland)**



**Datavisualisatie
(door Waag)**



**Datavisualisatie
(door burgers)**



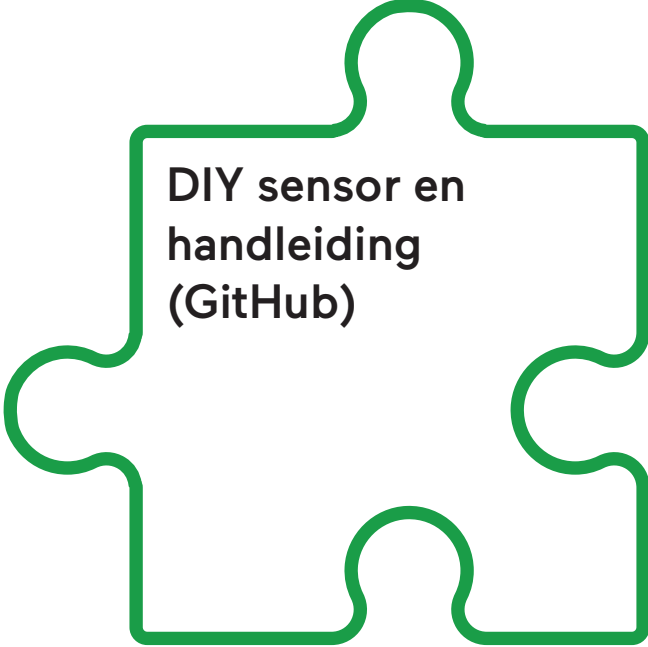
**Software
(bv. firmware van
de sensors)**



**Website
Hollandse Luchten**



**Openbare datasets
(API)**



**DIY sensor en
handleiding
(GitHub)**



**Provincie Noord
Holland**



Waag



RIVM



Hollandse Helden



**Burgers met
sensoren**




Smart City Haarlem



GGD Amsterdam



TNO



**Meetgemeenschap
Beverwijk/
Heemskerk**



**Meetgemeenschap
Wijk aan Zee**

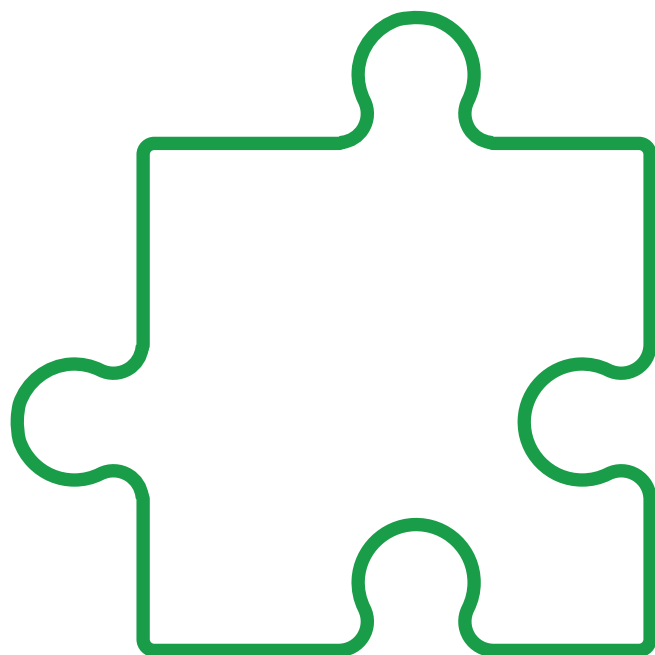
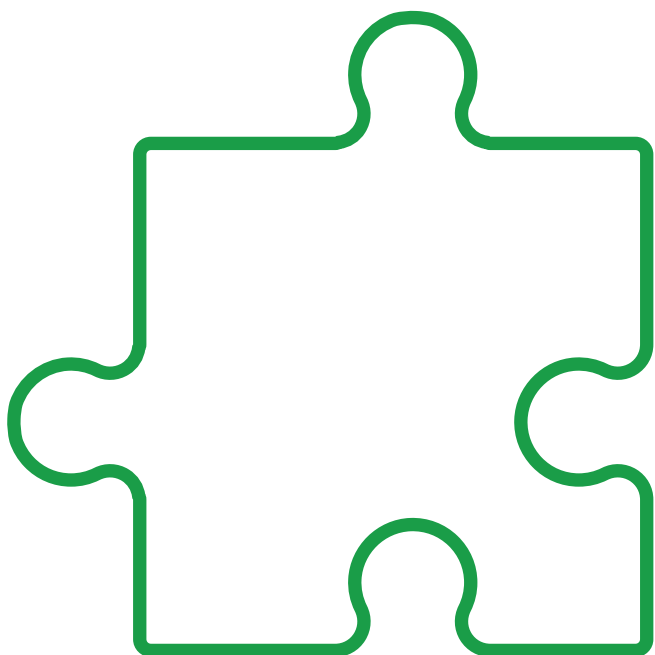
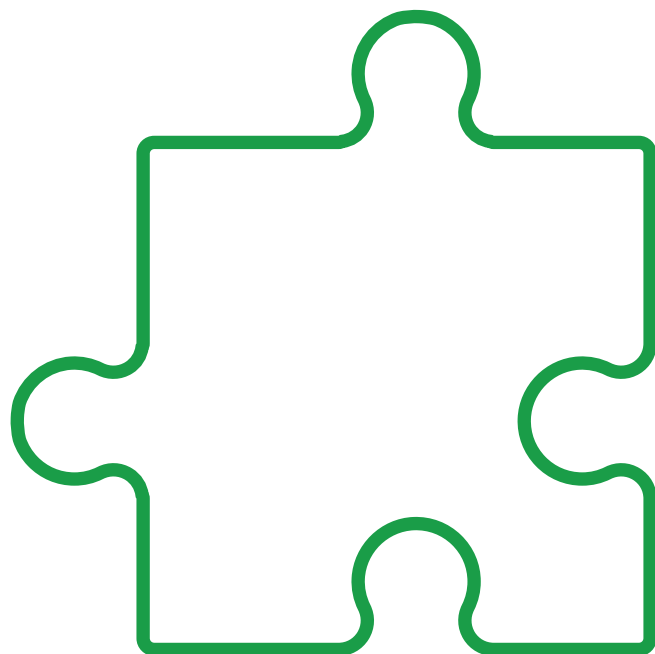
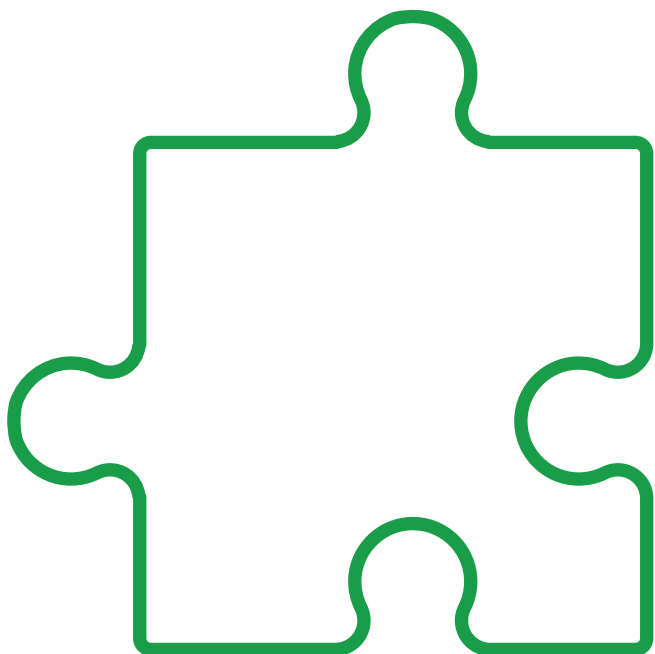
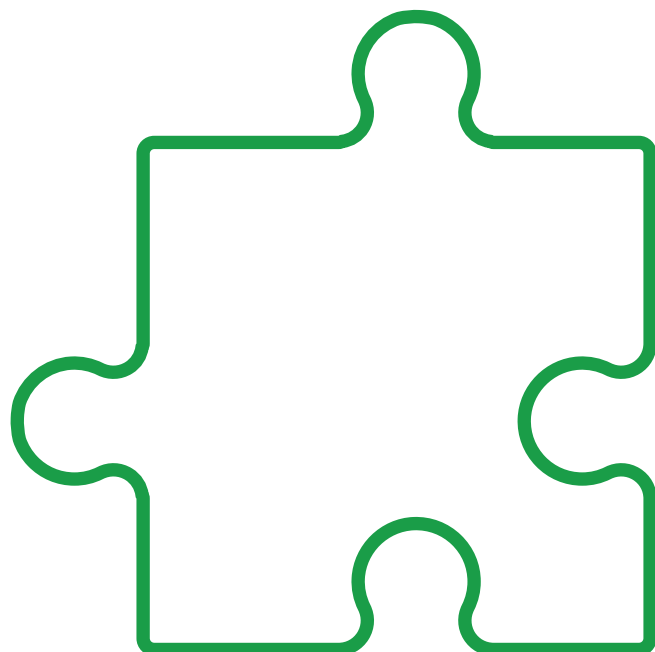


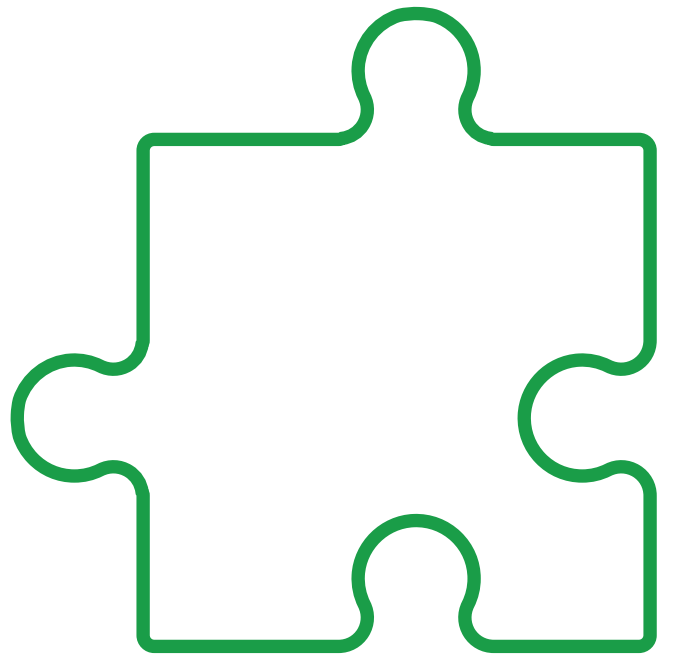
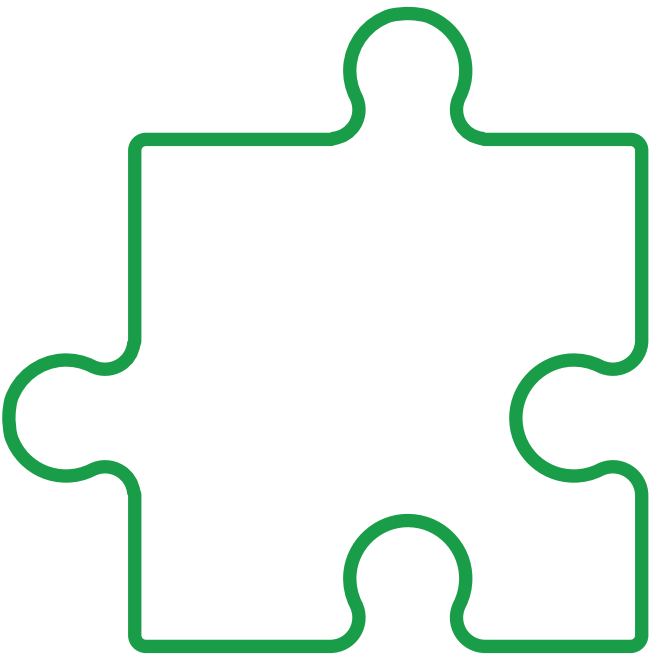
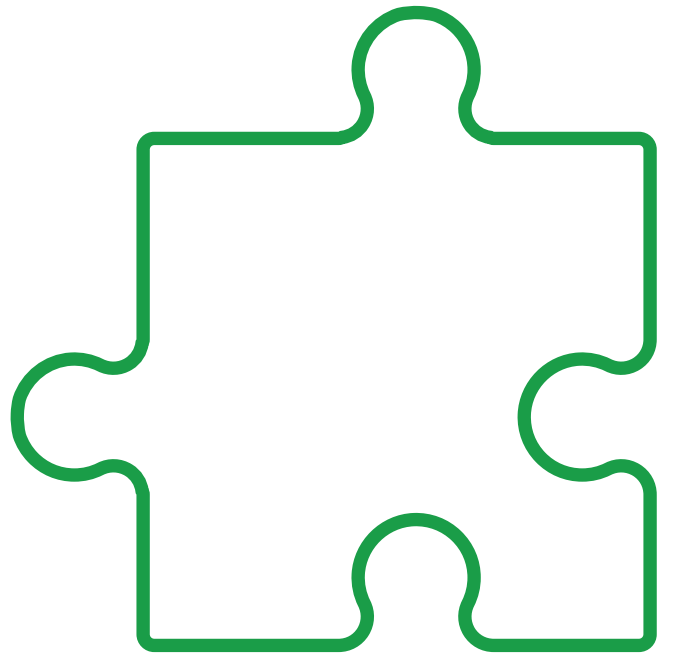
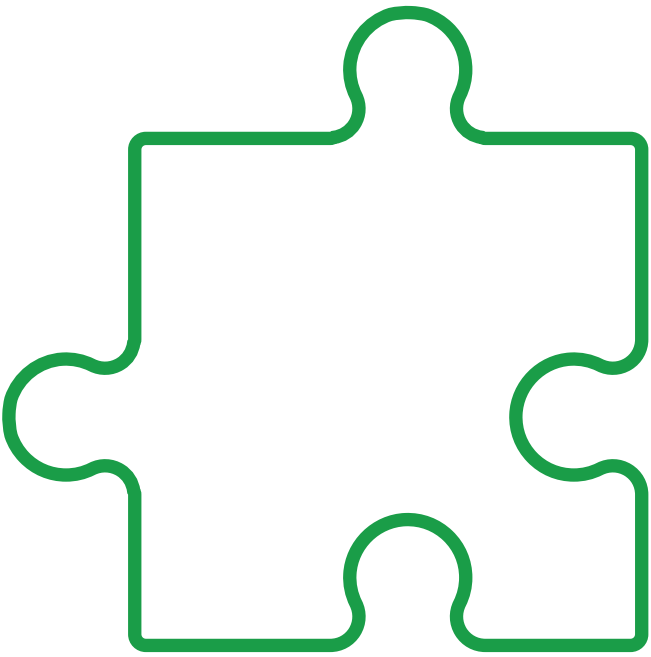
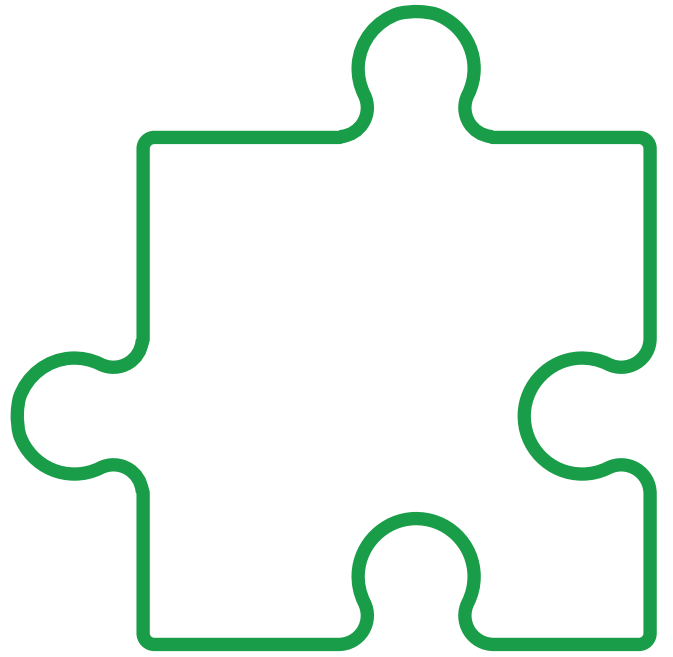
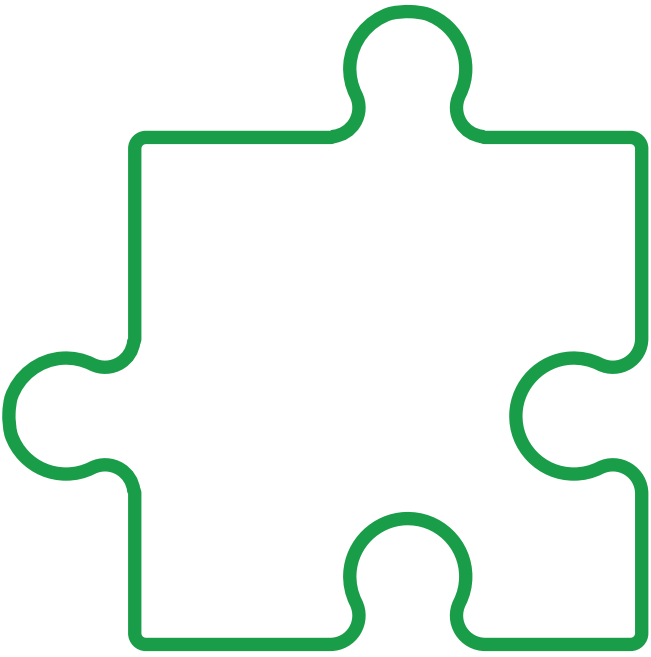
**Meetgemeenschap
IJmuiden/Velsen**

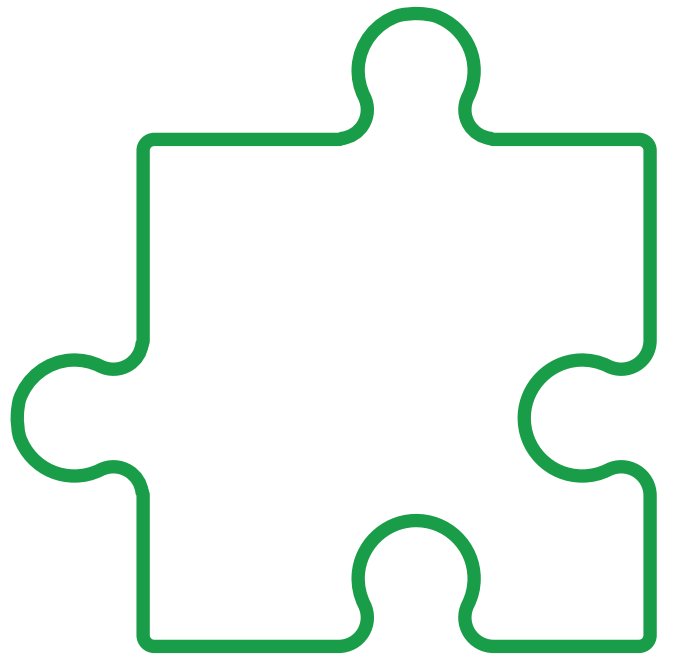
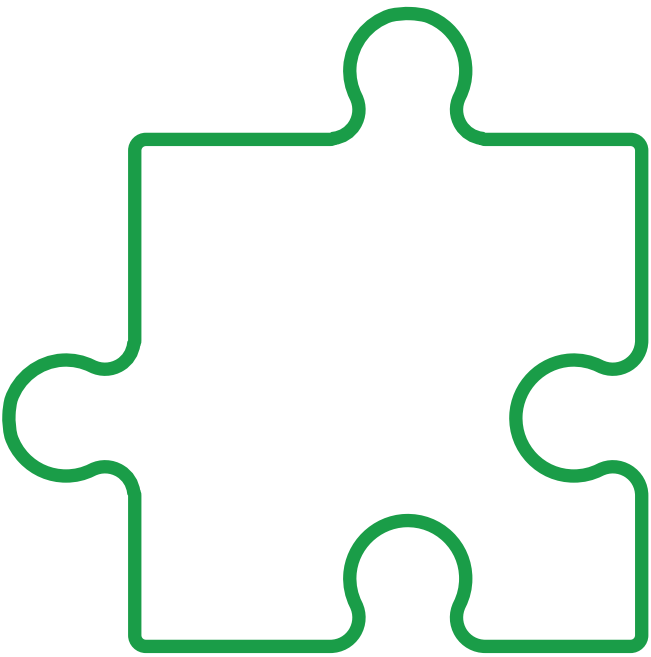
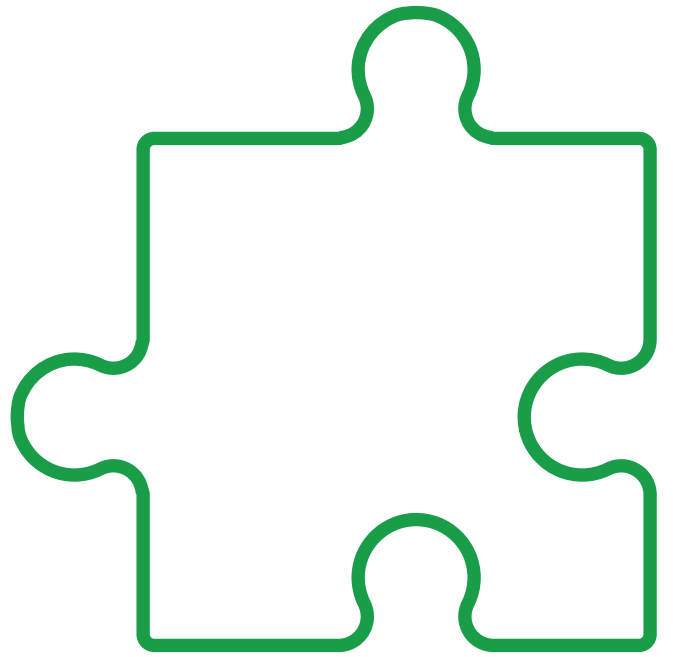
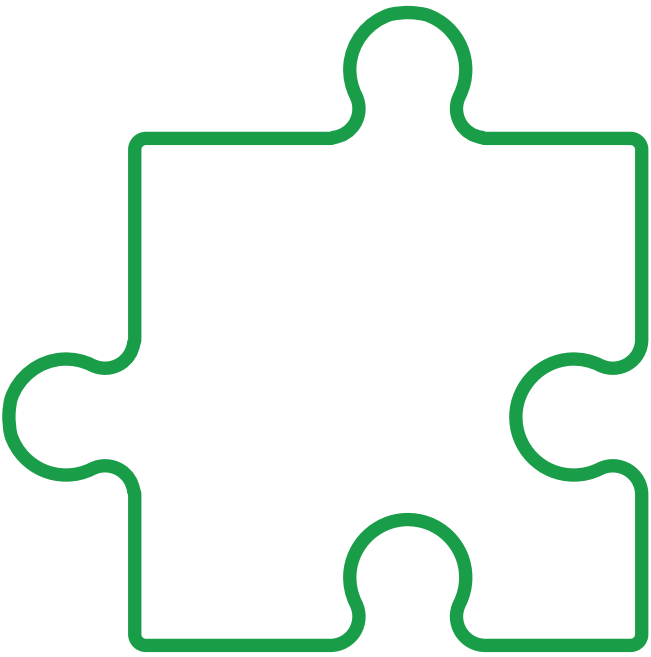
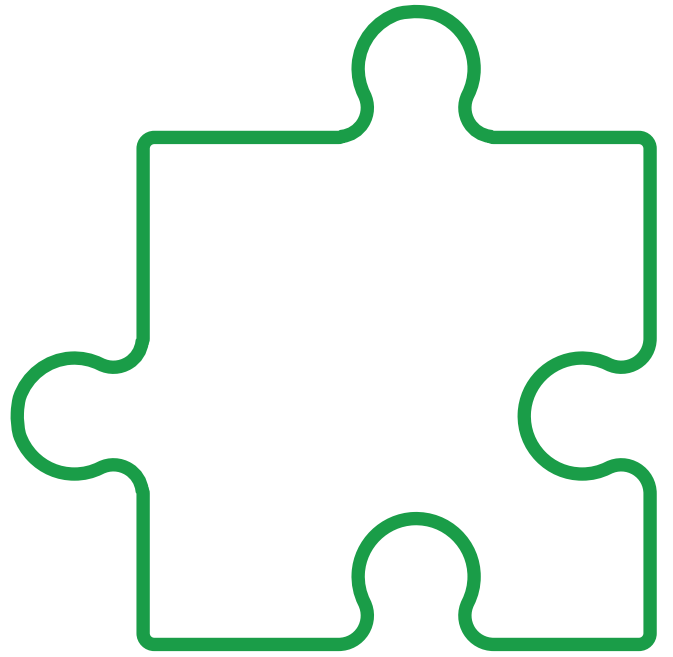
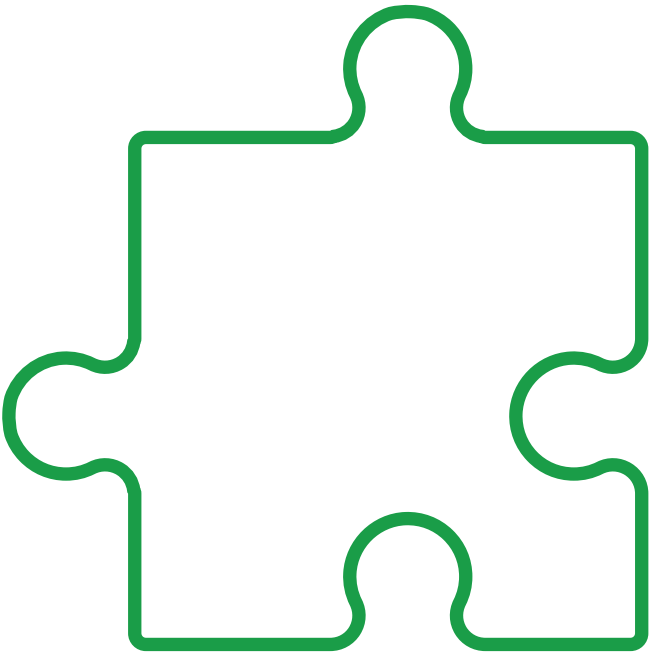


**Meetgemeenschap
Zaandam**

**Meetgemeenschap
Buiksloterham**










Prioriteiten voor datadoelen



Gedeelde aannames over hoe betere luchtkwaliteit te realiseren



Data-analyse sessies



Betrokkenheid van lokale organisaties (bibliotheek, museum, broedplaatsen, etc.)



Verantwoordelijkheid als sensorhouder



Eigenaarschap en bruikleen van sensoren



Forum

**Manier om zorgen
aan te kaarten en te
bespreken**

**Manier om collectief
beslissingen te
maken**

**Intern communicatie-
proces**

**Lokale activiteiten
menukaart**

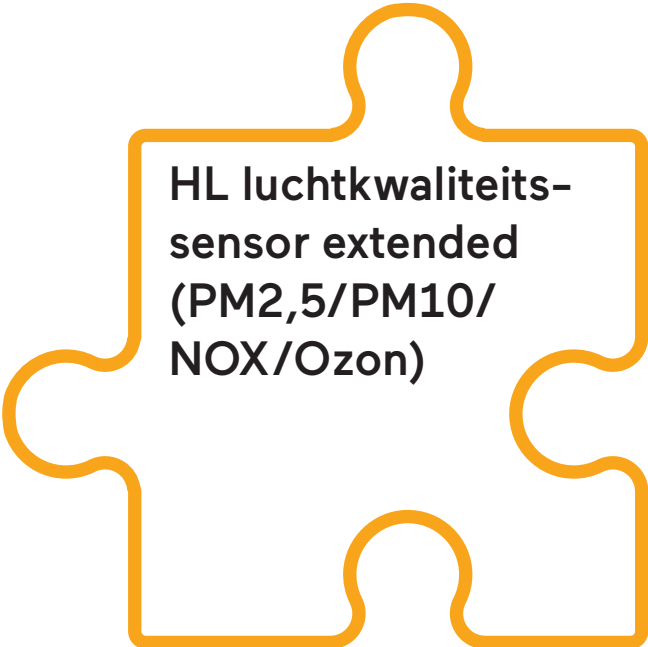
**Proces voor het
aansluiten van
nieuwe meetge-
meenschappen**



**Controle over de
datastroom: sensor
→ RIVM → gecorri-
geerde data →
visualisatie**



**GLOBE middelbare
scholen project**



**HL luchtkwaliteits-
sensor extended
(PM2,5/PM10/
NOX/Ozon)**



The Things Network




GGD Kennemerland



**Omgevingsdienst
IJmond**



Tata Steel



**Lokale gemeen-
schapsorganisaties
(bibliotheek,
musea,
broedplaatsen
etc)**



Gemeente Zaanstad



Gemeente Velsen



**Gemeente
Beverwijk**




Stofmelder



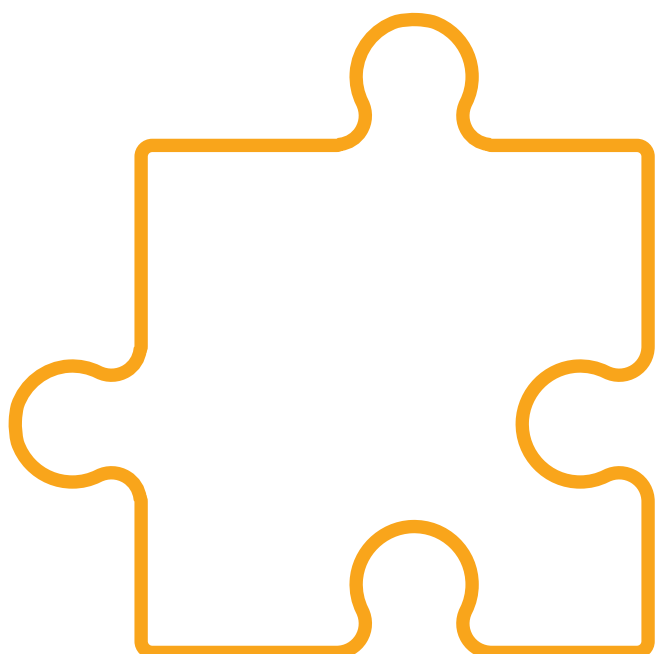
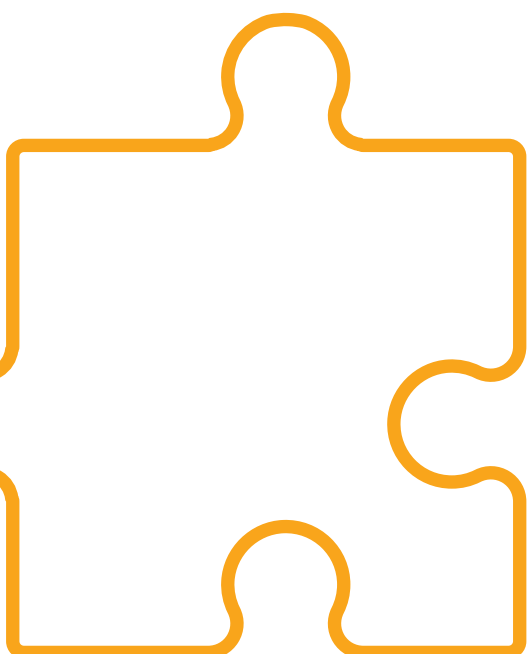
Frisse Wind Nu

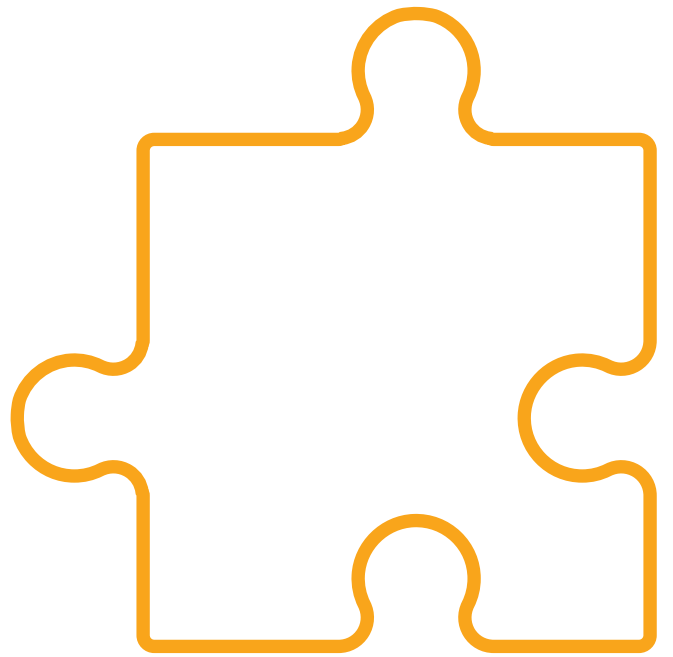
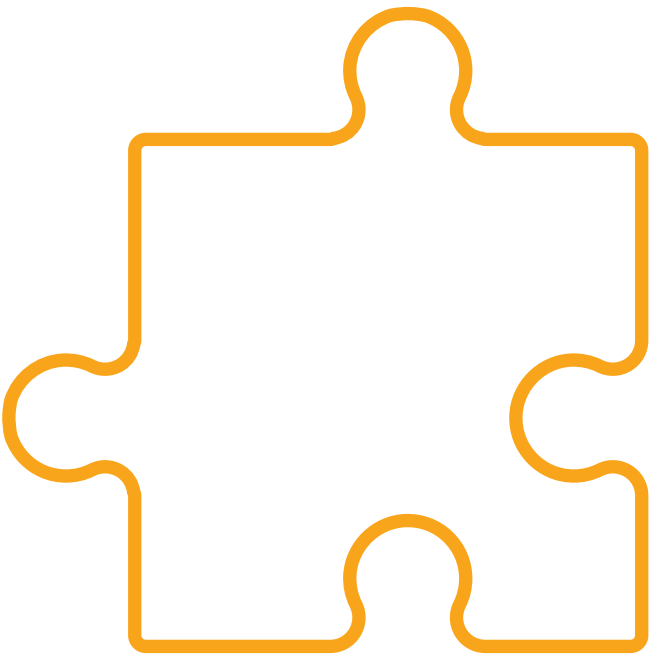
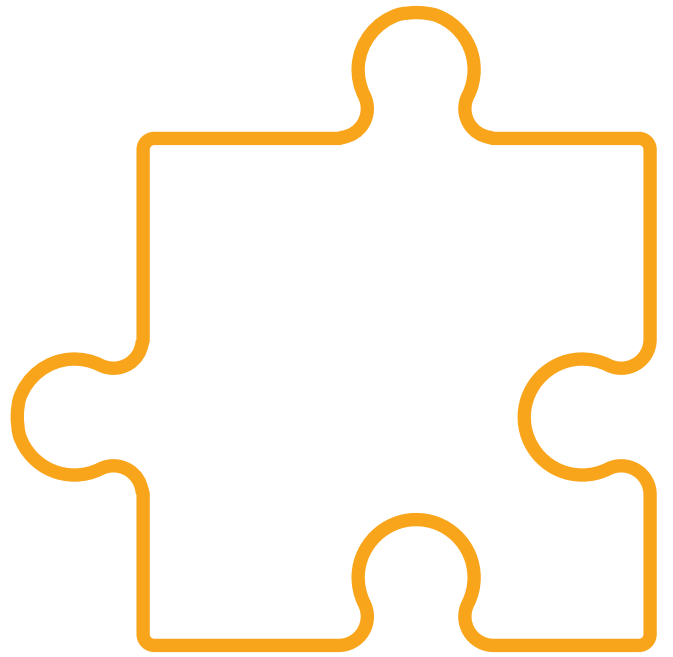
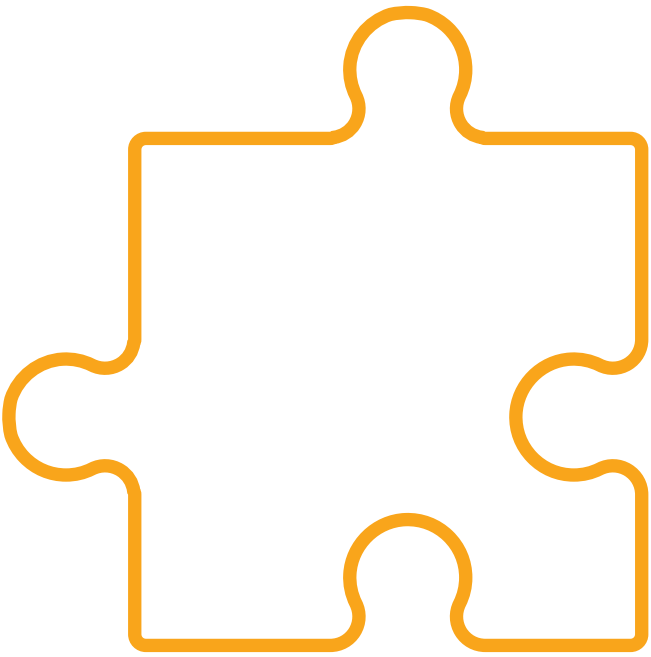
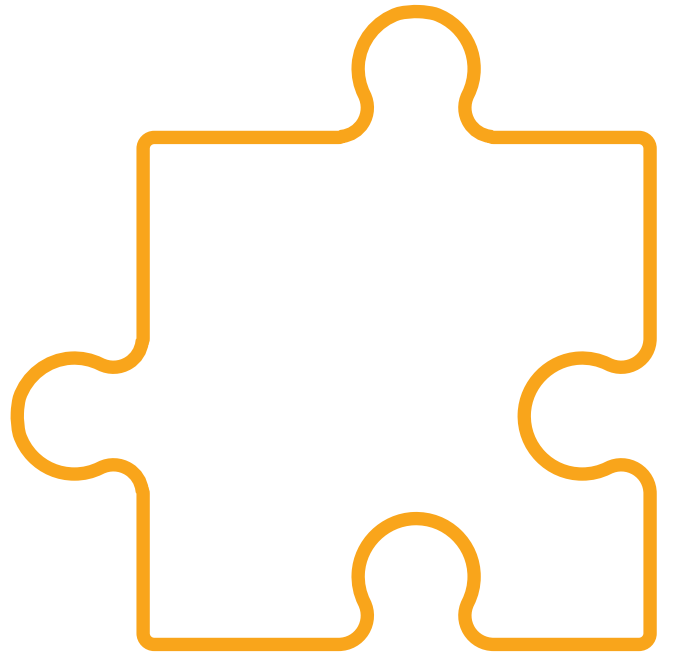
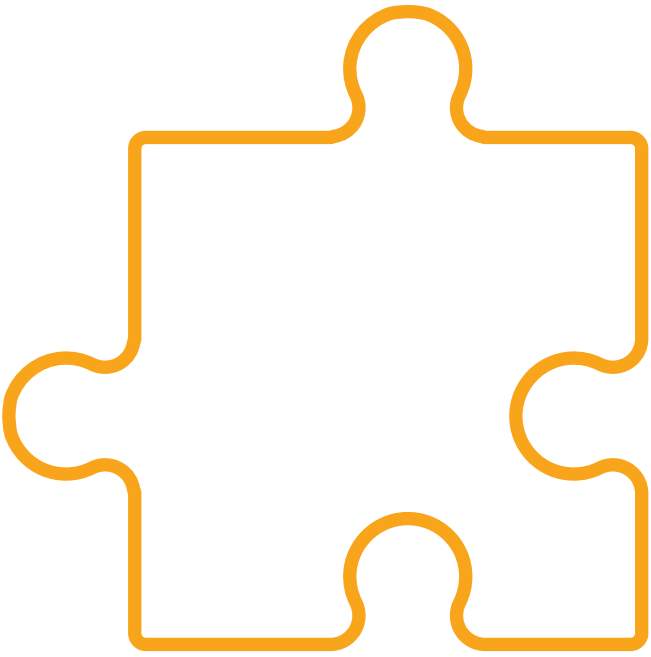


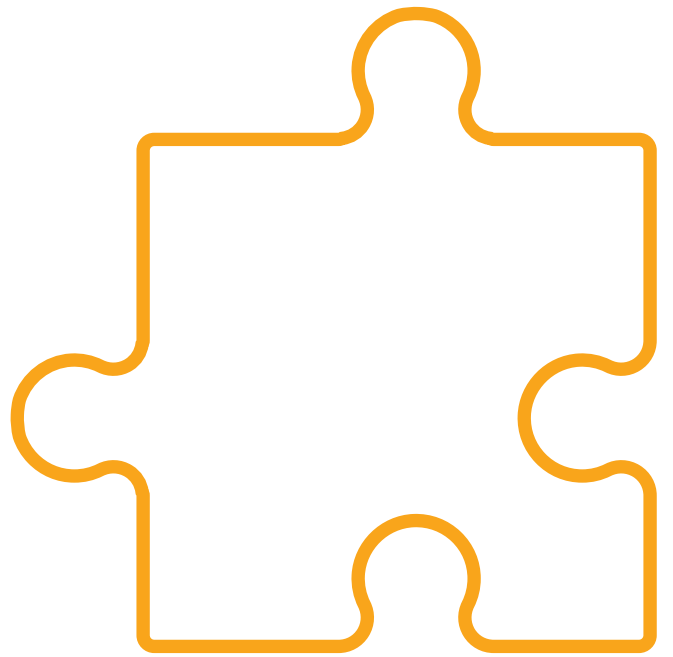
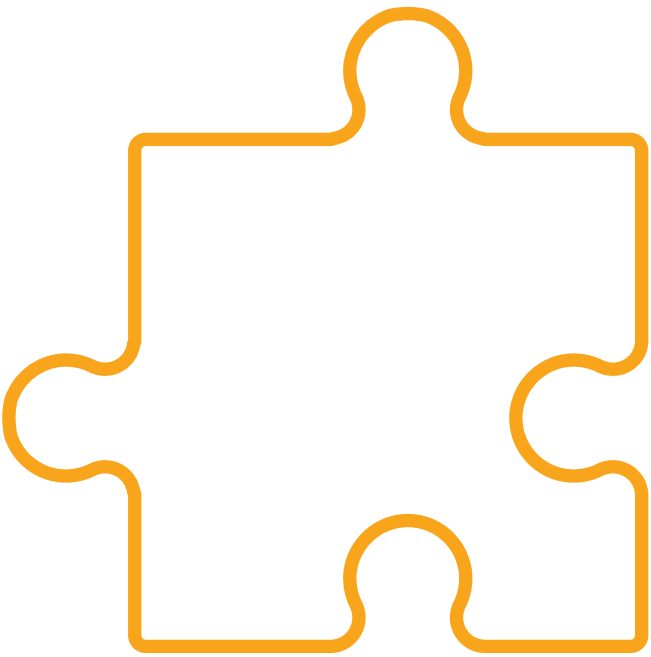
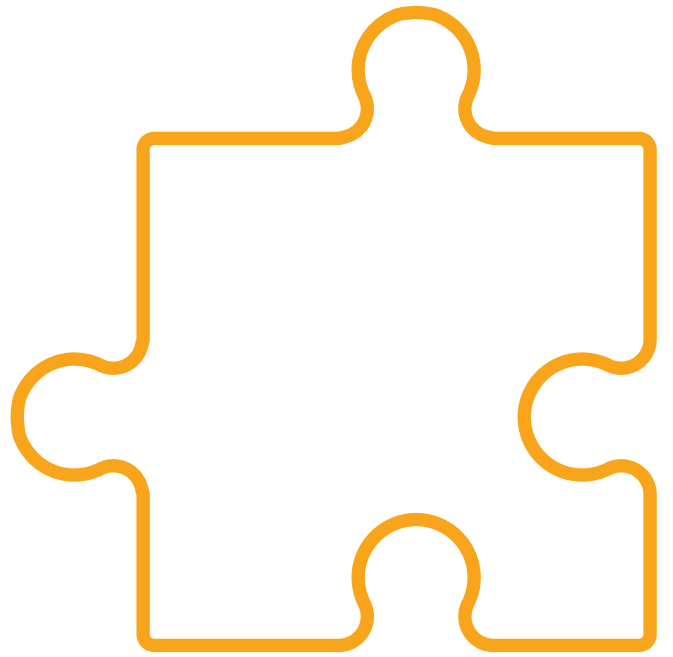
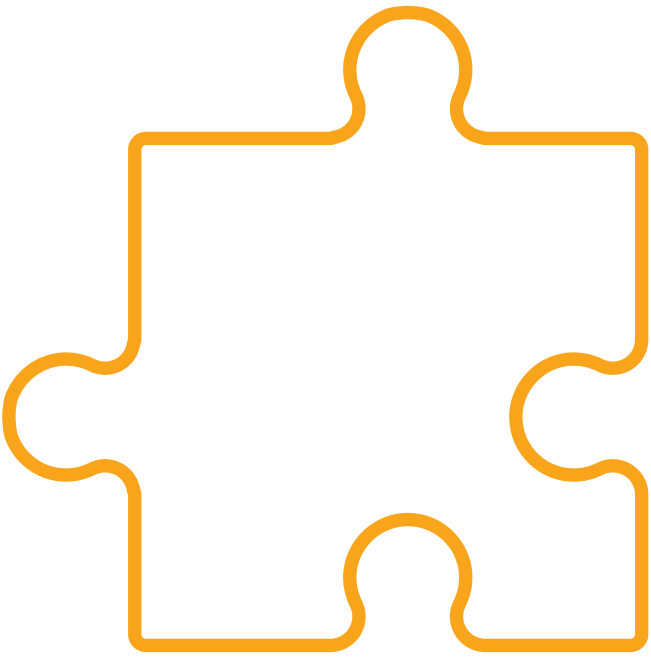
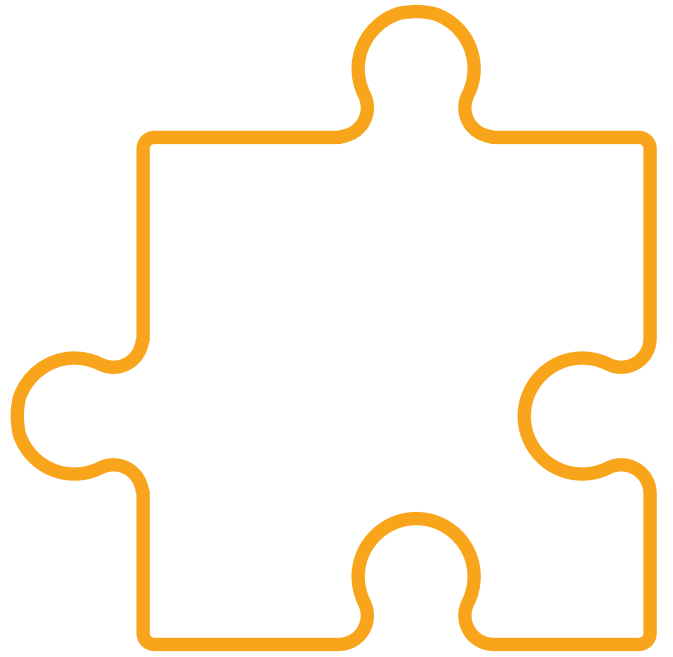
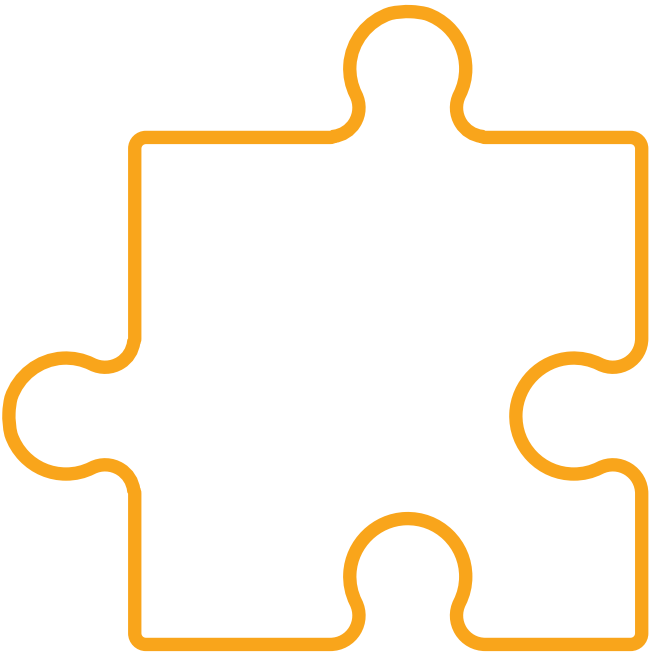
**Dorpsraad
Wijk aan Zee**



**Nieuwe meet-
gemeenschappen**










**Proces voor het
selecteren van
Hollandse Helden**



**Andere milieusenso-
ren (bv. voor geluid,
geur, hitte, Zeer
Zorgwekkende
Stoffen
(ZZSen))**



Palmes-buisjes



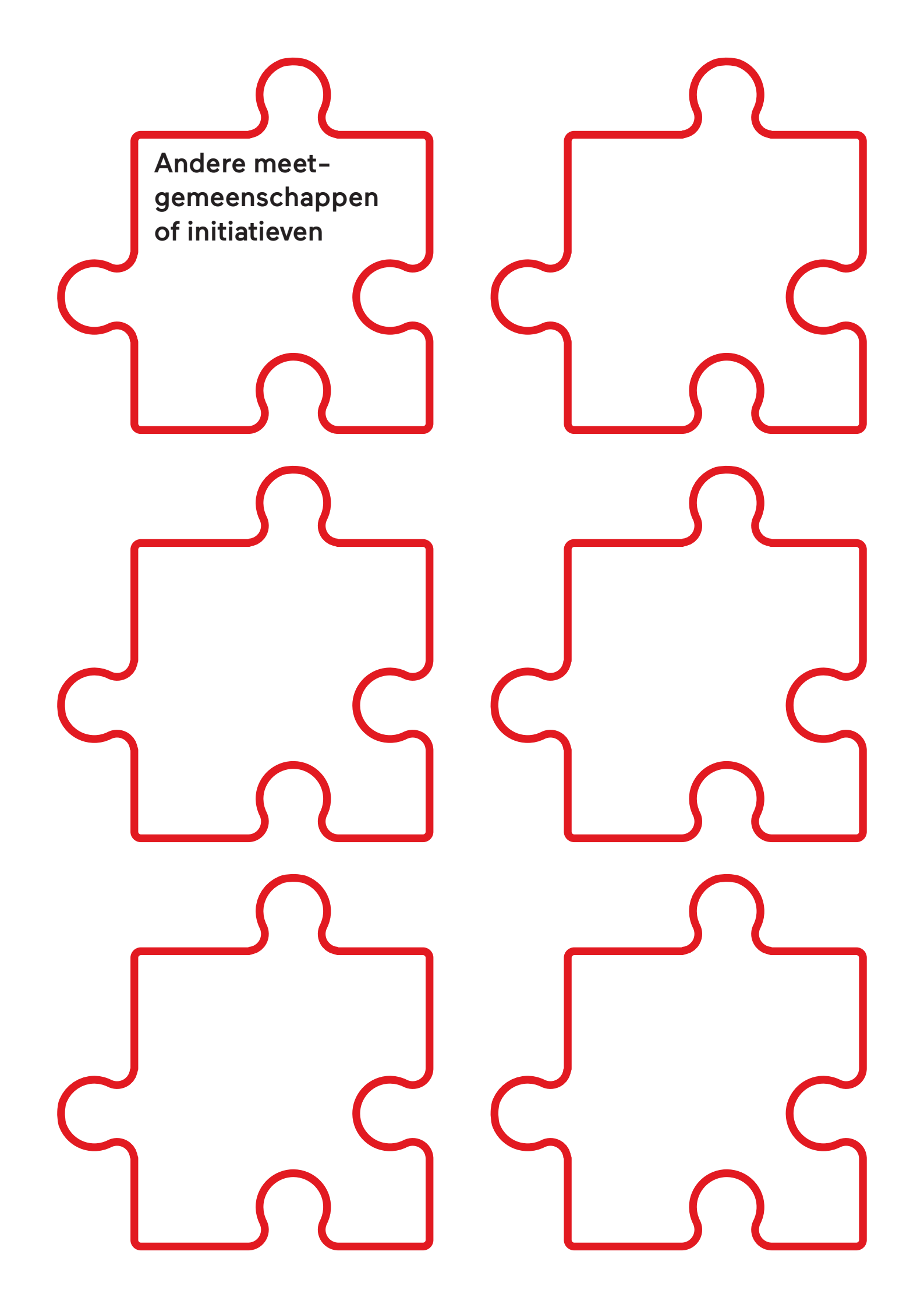
**Burgers zonder
sensor**



**Burgers buiten
Noord Holland**



Externe expertise



**Andere meet-
gemeenschappen
of initiatieven**

