Company name:	Woonstad (translated)
Website:	www.woonstad.nl

Company Profile:

Woonstad is the largest housing cooperation in Rotterdam. They own approximately 60.000 units (houses, appartments in flats). Woonstad clients are predominantly students, families and elderly. Most units are rented out in the 'social segment' (for people with lower incomes, often supported by government aid).

The context of Woonstad's businesses:

- Woonstad does have **limited information on the (status of) its own assets**. Currently, people have to go visit in order to know the status of especially vast and concrete structures: buildings, balconies, roofs, .. Problems that are detected include concrete decay, moist, asbestos, air quality and e.g. neglect by renters. In the current situation, different workmen visit the assets to identify these different problems. Sometimes, areas cannot be visited. For example when renters do not cooperate to allow access. Once data *is* collected, a new question arises: how to manage and use it in an efficient way?

  2 questions arise:
  How can we obtain information on our assets more efficiently (without so many people visiting)? How can we manage and use this information in a smart way (easy data management, data quality assurance, predictive and corrective maintenance, improving living quality for renters, …)?

- Woonstad needs to renovate/transform existing assets. Key words are: energy efficient, adaptive to meet changing living requirements (e.g. family moves and elderly couples becomes new renters). Requirement: Inconveniences for renters must remain as limited as possible. Quick (kitchen replacement in 1 day??), sustainable, convenenient are keywords for this challenge.

  Which technology, process or combination allows Woonstad to renovate its assets into sustainable housing of the future?!

Other relevant information:

- Rotterdam is growing. Over 50.000 new houses/appartments need to be build – within the city ring. Part of this will be owned and built by Woonstad as largest housing cooperation.
- The city already has a district heating infrastructure in some parts of the city.

Sectors of interest (highlight as appropriate)		
Energy	Asset information, Asset management and Asset optimization	Renovation
Isolation of large apartment buildings **Energy neutral buildings** - Decentral energy production on a local (apartment building; possibly neighbourhood scale)	**Smart data collection** - Data management	**Process optimization – renovation focussed on limited renter inconvenience**: energy neutral in 1 day; new kitchen/bathrooms/large renovation in 1 day
Notes:		
Cleantech cluster	Clean Tech Delta	
Primary cleantech contact:	Tara van de Lagemaat	
Disclosure:	I confirm that this profile can be shared with corporate buyers and cleantech clusters within the INTERREG NSR Scale-Up project.	