

PRACTICAL CHALLENGES IN HIGH INTENSIVE DOMESTIC MONITORING

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This paper looks at the practical challenges of measuring one of the world's most heavily monitored houses, Beacon Pathways Now Home in Waitakere City, over its first year of operation. Physical services monitored included utility and storm-water water usage, energy end uses, solar hot water supply and use, humidity and other parameters. The project involved monitoring design, set up, installation, background communications, computer programming, tenant coordination, ongoing trouble shooting, data cleaning, analysis, information sharing and write up. This paper provides an insight into the complexities and demands of monitoring a real building, tenanted by with real people.

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