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Contributing to appliances' energy efficiency with Internet of Things,
smart data and user engagement

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Highlights

- An Internet of Things semantic platform *OpenFridge* is designed and implemented.
- The platform has been deployed and evaluated with globally-distributed real-life users.
- Real-life user and fridge measurements data has been collected and published in open source repositories.
- High potential in facilitation of data economy has been demonstrated in evaluations.
- Challenges in deployment of such platforms are discussed.

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