

SESAM Project

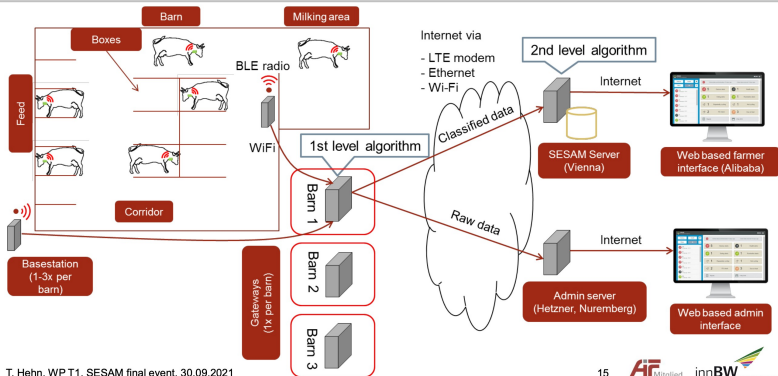
Peter von Rohr

2021-10-08

Project Goals

- ▶ Open sensor system - as opposed to closed commercial systems
- ▶ Decision support for farmers
- ▶ Alerts to farmers in cases of emergencies

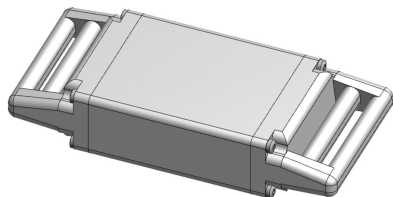
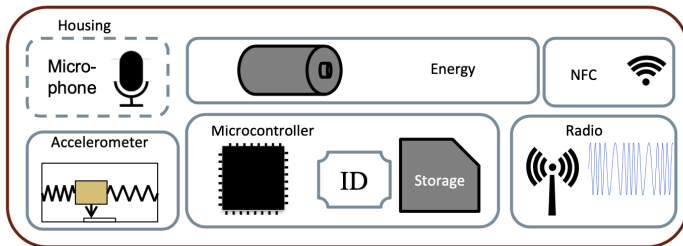
Farm Infrastructure



T. Hehn, WP T1, SESAM final event, 30.09.2021

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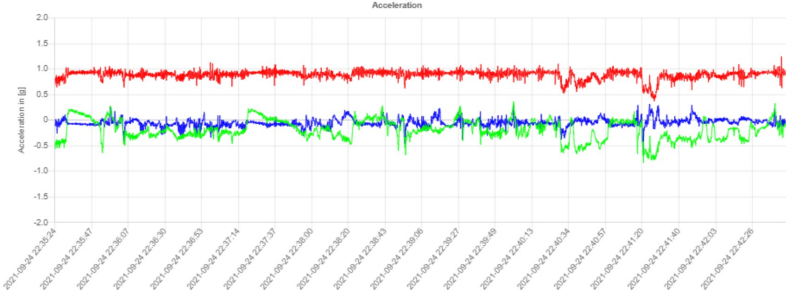
Sensors



T. Hehn, WP T1, SESAM final event, 30.09.2021



Activity Data



Basic Behavior

- Basic behaviors consist of



Created by Andrew Price

eating



Created by Mads Ole
Barnes-Miller

ruminating



Created by Andrew Price

standing



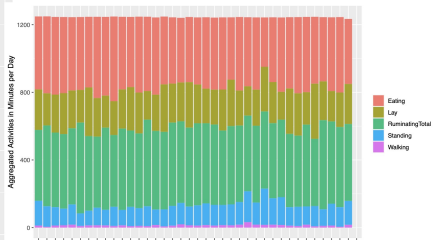
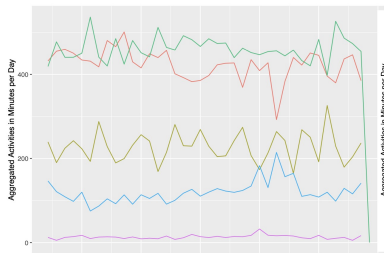
Created by Tony Parker
Barnes-Miller

laying



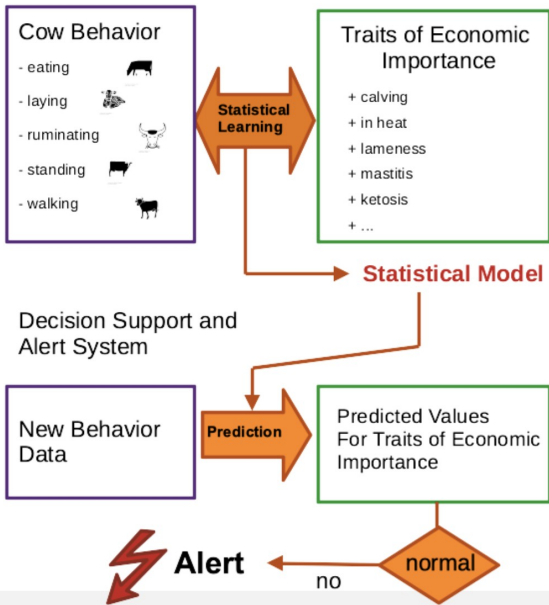
walking

Behavior Data

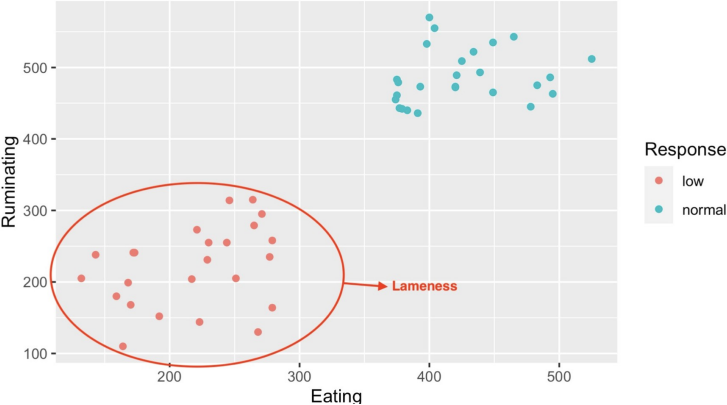


Second Level Algorithm

Second Level Algorithm



Statistical Learning



Decision Support and Alert System

