ProDairyWelfare – proactive productivity and health management in Dairy Farming
# Facts & Figures

## FACTS AT A GLANCE

<table>
<thead>
<tr>
<th>Global market leader in <strong>intra-ruminal measurement</strong> of temperature, activity &amp; pH</th>
<th>2009 founded as research project</th>
<th>2014 Foundation and commercialization with Basic and Premium sensor</th>
<th>1.8bn+ number of cow data points – growing every second!</th>
</tr>
</thead>
<tbody>
<tr>
<td>70+ Countries with fulfillment of regulatory requirements</td>
<td>Horizon 2020 beneficiary of highly coveted EU project grant SME Instr. Phase 2</td>
<td>Numerous awards (e.g., Inel D’Or, AgraME, Eurotier Medal)</td>
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<tr>
<td>30,000+ sensors sold in 25+ countries</td>
<td>FDA certified</td>
<td>CE approved</td>
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**smaXtec animal care GmbH** | Wastiangasse 4 | 8010 Graz | Austria | T +43 316 46 15 88 | E info@smaxtec.com | www.smaxtec.com
SMART MONITORING AND FEEDBACK WITH THE SMAXTEC SYSTEM

And increase your profitability!
smaXtec messenger
the mobile View
Haring

46 - Jeilla/AT-265-925-528: Calving

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Tuesday October 3, 2017

46 - Jeilla 4:00 AM Drop in activity Health

Indication of a clear drop in activity levels
On Tuesday, Oct 3, 2017 at 4:00 AM animal activity levels clearly dropped. Indication of deterioration in health (e.g. incipient lameness)

46 - Jeilla 3:00 AM Calving Fertility

Indication of imminent calving
On Tuesday, Oct 3, 2017 at 3:00 AM there was a clear drop in temperature in the calving period. Indication of imminent calving within the next 36 hours. In rare cases this can also occur due to a metabolic disorder (parturient paresis (milk fever), ketosis,...) or another disorder (check animal’s state of health).

46 - Jeilla 3:00 AM Drop in activity Health

Indication of a clear drop in activity levels
On Tuesday, Oct 3, 2017 at 3:00 AM animal activity levels clearly dropped. Indication of deterioration in health (e.g. incipient lameness)

46 - Jeilla 4:00 AM Calving Fertility

Indication of imminent calving
On Tuesday, Oct 3, 2017 at 4:00 AM there was a clear drop in temperature in the calving period. Indication of imminent calving within the next 36 hours. In rare cases this can also occur due to a metabolic disorder (parturient paresis (milk fever), ketosis,...) or another disorder (check animal’s state of health).
46 - Jeilla

**Fertility**

**Name:** 46 - Jeilla  
**Time:** Sep 30, 2017 3:00 AM  
Indication of imminent calving
The Desktop View
smaXtec animal care GmbH | Wastiangasse 4 | 8010 Graz|Austria | T +43 316 46 15 88 | E info@smaxtec.com | www.smaXtec.com
ProDairyWelfare at a glance

**smaXtec 4.0** – multifunctional Dairy Cattle Sensor System for a proactive productivity and health management in Dairy Farming

- Receives funding under the Horizon 2020 SME Instrument, the largest transnational research and innovation program
- **Goals of Horizon 2020** – funding of highly innovative solutions for major societal challenges
- **Goals of ProDairyWelfare** – development of a decision making tool, which enables farmers to produce milk both in a cost-effective and sustainable manner in order to satisfy the increasing global demand for milk
- **Project period**
  February 2017 – February 2019
- **Project content**
  Comprehensive data and information collection of 2500 cows in farms of different sizes in
  - Germany
  - Netherlands
  - Israel
  - Ireland
  - UK

Based on the collected data smaXtec will develop a tool for a precise and proactive health management for herds of all sizes.
We are seeking to expand our team at our company headquarters in Graz and are currently seeking a curious, team-minded and most of all well-qualified software developer.

**WHAT TO EXPECT**
- Engagement in advanced development projects
- Work with cutting-edge technologies
- Exciting new products in the IoT world
- Working as part of a highly motivated and creative team

**WHAT WE EXPECT FROM YOU**
- Bachelor’s degree in a technical field (Computer Science, IT, or similar disciplines)
- Experience in software development
- Proficiency in C++, Python, and other programming languages
- Strong communication skills

**WHAT YOU CAN EXPECT FROM US**
- Challenging work in a dynamic company – the global market leader in its sector
- The opportunity to make the most of the huge growth potential
- A corporate culture which promotes diversity and equality and encourages teamwork
- Flat hierarchy and scope for the employees’ professional development
- A dedicated and motivated team

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We are looking for an enthusiastic and dedicated professional to join our team as a lead data scientist.

**WHO ARE WE**
We are a young high-tech company focusing on the development and sales of innovative monitoring systems for applications in the veterinary care sector. With our innovative hardware management tool we are a global market leader in our sector. We are currently looking to recruit enthusiastic and motivated professionals to join our team.

**WHAT TO EXPECT**
- Analysis and interpretation of automated analysis systems
- Programming activities (Node.js, Python)
- Development of algorithms
- Automation of data analysis projects
- Working as part of a highly motivated and creative team

**WHAT WE EXPECT FROM YOU**
- A minimum of a Bachelor’s degree in a technical field (Electrical Engineering, Computer Science, Mathematics, etc.)
- 3 years of professional experience in at least one of the following areas: data analysis, machine learning, big data processing
- A good command of English and German

**WHAT YOU CAN EXPECT FROM US**
- An exciting role in the medical industry
- The opportunity to make the most of the growth potential
- A professional and friendly work environment
- The opportunity to work independently and as a part of a motivated team

Depending on qualifications and professional experience, the successful candidate will be paid an annual gross salary of at least EUR 45,000. The actual salary will be negotiated in an individual interview.

We look forward to receiving your application by email: career@smaxtec.com
My Invitation

We are an experienced partner in research projects.

You all here have immense knowledge about how to interpret data.

Anything that helps us translate data to our customers is highly appreciated.

Help us answer questions to our end customers.
THANK YOU

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