



iDDEN – Road to ADE 1.4

Version 1.0

Version History

| Version | Date | Comment |
|---------|------------|-----------------|
| 1.0 | 18.09.2024 | Initial Version |
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iDDEN and ADE

The iDDEN Project was established to streamline the data exchange in the field of dairy data by setting standards and establishing communication methods.

From the beginning we aimed to do so by making use of the messages defined by the ICAR ADE working group. The ADE group has lately updated their definitions of messages to the new version 1.4, which is needed to be implemented by iDDEN.

This document will provide a roadmap for all partners, how to achieve the goal to get the complete iDDEN project to work on the new ADE standards and be prepared to make use of all new developed messages and additions to the latest version of ADE (1.4).

iDDEN Roadmap to ADE 1.4

The switching to ADE 1.4 is divided into the following tasks, which are dependent on each other. Therefore, we encourage everyone to reserve sufficient resources to get the related work done.

The document will be updated with timeline information, as soon as possible, and when we have information on the completeness of the task under development.

- Preparation of iDDEN Hub to work with ADE 1.4 08-09/24
 - Analyse the differences (see release notes)
- Switching the iDDEN Hub to 1.4 (integration environment) 10/24
 - Testing old implementations of partners with new Hub
- Upgrade partners implementations to 1.4 (services and clients) 10/24-xx/25
 - Including moving batch updates to new path
 - Sync point for all partners to be on 1.4
 - Test with ADE 1.4 on all sides
- Update new 1.4 versions of iDDEN and partners to production environment
 - Update the iDDEN Hub (prod environment)
 - Update all services behind the Hub
 - Update all clients using the Hub
- Make switching to ADE 1.4 complete
 - Mark old POST updates path as deprecated (http 301) 10/25
 - Reject updates on the old path (make it free for potential future use) 12/25

The last step in this plan is revoking a functionality, which was available before. This is to make the iDDEN implementation more conforming to the ADE standard. However, like mentioned in our contracts, we need to announce removing of data or features (even when just moving) at least 365 days in advance. Therefore we would like to use the opportunity to set up the goal to get this last task finished before the end of 2025 (planned realization date 1.12.2025).

Migration of iDDEN Hub to ADE 1.4 (Integration environment)

iDDEN's data exchange platform does derive in some areas from the official ADE standard defined by the ICAR ADE working group. This is because some areas were developed by iDDEN and later defined slightly differently by the working group (e.g. batches of updates using POST requests).

The iDDEN core development team has decided to take the opportunity of the new ADE version to get these differences down to the smallest possible value.

We will start with adopting ADE 1.4 to the iDDEN Hub service. Since the dot releases of ADE are designed to be backwards compatible, this should not have any effect on the partners communicating via the iDDEN hub. However, like mentioned above, we would like to encourage all partners to have a thorough testing phase after we updated the Hub in the integration environment.

We are currently planning to switch the integration Hub to ADE 1.4 on October 15th 2024.

After gathering the test results, we will go forward with the next steps.

Updating iDDEN partners to ADE 1.4

To be done

Changing iDDEN to ADE 1.4 (production environment)

To be done

Wrap up iDDEN changes due to ADE 1.4

To be done