Open Horizon project SmartAg SIG

March 30, 2021

Meeting details

Topic: Open Horizon SmartAg SIG Meeting
Time: Mar 30, 2021 1:00 PM Eastern Time (US and Canada)

Every week on Tue

Please download and import the following iCalendar (.ics) files to your calendar system.

Weekly: https://zoom.us/meeting/tJIld-mrrzItGtZJmClSkSDBOy6Ob4UddbIG/ics?icsToken=98tyKuCupjsqGdWctxmFRowAGoigc-nzmFhajbdnthLGDxNYUSfUGfsUHbArJdzU

Join Zoom Meeting
https://zoom.us/j/96800319702?pwd=TmdxMXBuVFFWM0RCekInenhkekY2UT09

Meeting ID: 968 0031 9702
Passcode: 411386
Find your local number: https://zoom.us/u/ab3U5VODJl

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Topics

1. Review initial goals
2. Review use cases, identify any missing, prioritize
3. Recommendations for roles and governance
4. ~~Review contributed data, ideas for use~~ – future agenda item
5. Are there any conferences, events, meetups where we should participate?
6. Open discussion

SmartAg SIG Initial Goals

› Build up a group of Stakeholders who have
  › identified core competencies
  › agreed to contribute resources to the SIG
› Identify, document, and agree to core beliefs
› Identify and prioritize use cases and timelines
› Recruit any missing expertise
› Begin regular public meetings
› Build end-to-end use cases
› Promote and evangelize use cases and results

SmartAg SIG Use Cases

Classification: Agriculture 4.0, Title: Smart Agriculture, Goal: Improve on traditional agriculture methods by

› increasing yield per acre of land

› supplementing manual labor with automation when practical

› augmenting subjective experience with data analysis

› meeting demand by growing what is needed where it is needed

Shaun –OH to deploy app logic for mission-critical ag systems, patterns & practices

* Can be applied to any Ag-specific use case

SIG Governance

› What positions do we need?
   › Chair, Co-chair to run meetings, gather agenda, represent group externally?
   › Secretary to collect and publish info, templates, minutes, maintain docs?
   › Anything else?
› Are some tasks better accomplished by ad-hoc volunteers?

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Upcoming Events

› Let's brainstorm and collect info about events we should participate in
  › Conferences
  › Meetups
  › Webinars
  › Other?

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Open Discussion

Next Meeting

Next Meeting

› Next Meeting: Tuesday, April 6 @ 10am PT/1pm ET

Thank You

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Backup

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Example of Core Beliefs

› With sufficient sensors and data, you should be able to apply the optimum resources to grow crops to their maximum yield.

› You should not need chemical fertilizers and pest control to grow healthy crops (whenever possible)

› Potential harm to crops can be caught earlier, and with less impact to yield, through intensive imaging and analytics (24hr farming).

› You can prevent harm to, and improve the well-being of, livestock with fewer manual interventions through judicious monitoring and analytics.

› Local analytics can respond more quickly, and with less expense, than cloud-based analytics, especially in areas with little to no internet connectivity.