



<b>Title</b>	Developers Committee Meeting		<b>Date</b>	29.06.2023
<b>Location</b>	https://meet.jit.si/openIMISDevelopers		<b>Time</b>	08:00 UTC
<b>Meeting called by</b>	openIMIS Initiative	<b>Type of meeting</b>	Weekly Call	
<b>Facilitator</b>	All	<b>Note taker</b>	All	
<b>Distribution list</b>	openimis-developers-committee@googlegroups.com; openimis-implementers-committee@googlegroups.com;			
<b>Chat channel</b>	<a href="https://discord.gg/khDqTDWUZV">https://discord.gg/khDqTDWUZV</a> ,			

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
19	AGPL V3 License	W	<ul style="list-style-type: none"> <li>German lawyer sent preliminary report, waiting for DEZA reaction <ul style="list-style-type: none"> <li>DEZA still proposes Bern clause</li> </ul> </li> <li><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> needed for the HTTP Client mobile app (Point 4 - Redistribution)</li> <li>new contract with the lawyer is active - DEZA is signalling willingness to adapt</li> <li>new comment from the lawyer</li> </ul>	22.06.2023
59	DHIS2 Integration	I	<ul style="list-style-type: none"> <li>Demo DHIS2: <a href="https://dhis2etl.s1.openimis.org">https://dhis2etl.s1.openimis.org</a> (can be linked to Demo-data)</li> <li>Dataset could be used instead of program <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1484423230/Report+queries+for+SSRS+dataset">https://openimis.atlassian.net/wiki/spaces/OP/pages/1484423230/Report+queries+for+SSRS+dataset</a></li> <li>to be checked: <a href="#">Program Dataset Connector (PDAC)</a></li> <li>review alternate BI architecture #341</li> <li>Bluesquares data scripts are ready, will start data upload into HISP India dashboard</li> <li>example of cubes with aggregate data from develop.openimis.org: <a href="https://github.com/openimis/openimis-be-dhis2_etl_py/blob/dev/elop/dhis2_etl/services/adx/cubes.py">https://github.com/openimis/openimis-be-dhis2_etl_py/blob/dev/elop/dhis2_etl/services/adx/cubes.py</a></li> </ul>	22.06.2023
105	List of modules	D	<ul style="list-style-type: none"> <li>JLN: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC">https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC</a></li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Plugins">https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Plugins</a></li> <li>Mapping openIMIS-JLN started: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping">https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping</a></li> <li>started restructuring of documentation #306</li> <li>update of Tomai session needed: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3280240641/Webinar+openIMIS+pour+I+Assurance+maladie+L+approche+modulaire+-+15.03.2022">https://openimis.atlassian.net/wiki/spaces/OP/pages/3280240641/Webinar+openIMIS+pour+I+Assurance+maladie+L+approche+modulaire+-+15.03.2022</a></li> <li>new graphical overview: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Modules">https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Modules</a></li> <li>Modular Architecture - <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3376152582/Modular+Architecture+Draft">https://openimis.atlassian.net/wiki/spaces/OP/pages/3376152582/Modular+Architecture+Draft</a></li> <li>finished, next steps: document modules</li> </ul>	25.05.2023
127	Publish AAB/APK on Gplay	A	<ul style="list-style-type: none"> <li><a href="#">Policies Demo Mobile App on Google Play</a></li> <li>TZ policy app will be pushed to Google Play - in testing countrywide</li> <li>From Aug 1 2021, Google Play will require new apps to be in AAB instead of APK. We can upload the signing key to Play</li> </ul>	09.02.2023

			<p>Store and let it manage signing of the AAB, so this would make our life easier.</p> <ul style="list-style-type: none"> <li>point App to server with MS SQL</li> <li>issue on Android 13?</li> </ul>	
135	Migration Support Nepal	A	<ul style="list-style-type: none"> <li>Migration needs some adaptations first</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3460562945/Customize+and+setup+the+modular+version+of+openMIS+for+Health+Insurance+Board+requirements+in+Nepal">https://openimis.atlassian.net/wiki/spaces/OP/pages/3460562945/Customize+and+setup+the+modular+version+of+openMIS+for+Health+Insurance+Board+requirements+in+Nepal</a></li> <li>project page: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144065/Project+Modular+Migration+Nepal">https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144065/Project+Modular+Migration+Nepal</a></li> <li>issue with Nepal calendar - compare DHIS2 solution: <a href="https://ui.dhis2.nu/components/calendar/#nepali-calendar">https://ui.dhis2.nu/components/calendar/#nepali-calendar</a></li> </ul>	29.06.2023
136	AI Project	A	<ul style="list-style-type: none"> <li><a href="#">openIMIS AI-based Claim Adjudication</a></li> <li>presentation in an internal ISSA webinar (170 participants)</li> <li>working on random test data</li> <li>items &amp; services work well</li> <li>Nepal student interested in thesis, might not get approval to use the NP data</li> </ul>	29.06.2023
147	Tanzania implementation	W	<ul style="list-style-type: none"> <li>Roll-out of modular version starting with pilot =&gt; catalytic funds could be used for migration?</li> <li>new insurance act expected next year which will bring high volumes of new beneficiaries</li> <li>Formal Sector modules to be implemented for small farms -&gt; reach out to DCI</li> <li>Kubernete deployment will be checked</li> <li>First test with full modular installation started</li> <li>Bulk family payment in pipeline =&gt; requires GePG integration migration</li> <li>Migration plan set up for TZ from February until end of June</li> <li>hand-over workshops to TZ developers started</li> <li>mobile app development training requested</li> </ul>	29.06.2023
164	Roadmap	I	<ul style="list-style-type: none"> <li>Old roadmap documents need updating e.g. for the new tender processes #167.</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap">https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap</a></li> <li>start writing up items for draft</li> </ul>	25.05.2023
176	Video tutorials	I	<ul style="list-style-type: none"> <li><a href="#">Session 1</a> - openIMIS Legacy Web Application</li> <li><a href="#">Session 2</a> - openIMIS Legacy Web Application Localization</li> <li>New release: <a href="#">Docker installation tutorial</a> - needs to be added to playlist (needs to be public in YT)</li> <li>Update playlists</li> <li>Translations to French language</li> <li>coming up: module configuration</li> <li>older installation video from NP</li> <li>new implementation video <a href="https://youtu.be/q12uO3OixOw">https://youtu.be/q12uO3OixOw</a></li> </ul>	16.03.2023
188	Extend to other Schemes (Product redesign) "Beyond Health"	A	<ul style="list-style-type: none"> <li>Develop a common roadmap</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053">https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053</a></li> <li>found Jiri report, needs to be uploaded</li> <li>Ideas for architecture: <ul style="list-style-type: none"> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3024289830/openMIS+beyond+health+features+needs">https://openimis.atlassian.net/wiki/spaces/OP/pages/3024289830/openMIS+beyond+health+features+needs</a></li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3463577606/Product+refactoring">https://openimis.atlassian.net/wiki/spaces/OP/pages/3463577606/Product+refactoring</a></li> </ul> </li> <li>channel this through Conversion Initiative (DCI)</li> <li>make this a target for next project phase</li> <li>discussed in Deep Dive &amp; Bhela</li> </ul>	26.01.2023

190	Insuree self registration (general)	I	<ul style="list-style-type: none"> <li>• new integration to foresee with payment gateway, use case for the payment modules ?</li> <li>• <a href="https://dev.s1.openimis.org/api/self_registration/temp_insuree_reg/">https://dev.s1.openimis.org/api/self_registration/temp_insuree_reg/</a> ?</li> <li>• Can Nepal devs support on OTP based via email? <ul style="list-style-type: none"> <li>○ would be good to have this for 23-04 Release</li> </ul> </li> <li>• will be released without testing (no testcases)</li> <li>• new developments in planning</li> </ul>	25.05.2023
193	Client self management Mobile App in Nepal	I	<ul style="list-style-type: none"> <li>• New mobile app for enquiries under development</li> <li>• <a href="https://github.com/tinkertechnology/">https://github.com/tinkertechnology/</a></li> <li>• Refactor needed to adapt the code to the Main database model (it use Nepal specific fields)</li> <li>• migration to FHIR</li> <li>• <a href="https://github.com/openimis/mobile-self_registration_flutter">https://github.com/openimis/mobile-self_registration_flutter</a></li> <li>• not in 2023-04</li> </ul>	15.06.2023
204	Students	A	<ul style="list-style-type: none"> <li>• Can we recruit students for a thesis?</li> <li>• Page to be created with possible thesis topics</li> <li>• contacts to Uni Frankfurt established - presentation in February</li> <li>• MARS Lab had to be cancelled due to health issues - will be redone next semester</li> <li>• Presentation held in Frankfurt University : <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3510534182">https://openimis.atlassian.net/wiki/spaces/OP/pages/3510534182</a></li> <li>• AI student from NP - introduction was done yesterday</li> </ul>	22.06.2023
208	Developer Workshop	D	<ul style="list-style-type: none"> <li>• What about a Dev Workshop in January? Rather later in person (Nepal)</li> <li>• Intermediate sessions as needed (Kickoff for new T3 project: 04.01.)</li> <li>• Preferences: Thailand, Kenya</li> <li>• issue was raised during community meeting in CM</li> </ul>	15.06.2023
223	Testing Scenarios	D	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview">https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview</a></li> <li>• SolDevelo plugin for test case management: <a href="https://www.soldevelo.com/products/jiratestmanagement/">https://www.soldevelo.com/products/jiratestmanagement/</a></li> <li>• test cases needed for Nepal contributions (portal etc)</li> <li>• Installation tests to be listed here: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test">https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test</a> <ul style="list-style-type: none"> <li>• Example for installation test: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3470196759/Test+Install+openIMIS+on+Windows+10+Windows+11+with+Docker+Desktop">https://openimis.atlassian.net/wiki/spaces/OP/pages/3470196759/Test+Install+openIMIS+on+Windows+10+Windows+11+with+Docker+Desktop</a></li> </ul> </li> <li>• trying out jira test-features</li> <li>• For important business that need to be covered by test cases, please contact Hiren/SwissTPH</li> <li>• KeHIA was onboarded into testing procedures</li> <li>• Testing is launched and underway</li> </ul>	29.06.2023
230	Security auditing	D	<ul style="list-style-type: none"> <li>• new project: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3365076993/Project+Security+2022">https://openimis.atlassian.net/wiki/spaces/OP/pages/3365076993/Project+Security+2022</a></li> <li>• Do we need CSRF token on graphql ? should they be bound to some mutation ?</li> <li>• security advisors from PATH advise to NOT publish security guidelines</li> <li>• Need to summarise security activities in the wiki</li> </ul>	29.06.2023

239	GovStack	A	<ul style="list-style-type: none"> <li>• openIMIS Integration: <a href="https://docs.google.com/presentation/d/1IZh5FQlqgmVkk7KU0ui8ETVaFawfsT-DFO8Zql6G-mU/edit#slide=id.p1">https://docs.google.com/presentation/d/1IZh5FQlqgmVkk7KU0ui8ETVaFawfsT-DFO8Zql6G-mU/edit#slide=id.p1</a></li> <li>• Demo: <ul style="list-style-type: none"> <li>◦ <a href="#">video</a></li> <li>◦ <a href="#">instance</a></li> </ul> </li> <li>• GovStack moving all documentation to confluence: <a href="https://govstack-global.atlassian.net/wiki/spaces/GH/overview">https://govstack-global.atlassian.net/wiki/spaces/GH/overview</a></li> <li>• compliance evaluation for openimis started: <a href="https://govstack-global.atlassian.net/wiki/spaces/GH/pages/172818480/Compliance+Evaluation+openIMIS">https://govstack-global.atlassian.net/wiki/spaces/GH/pages/172818480/Compliance+Evaluation+openIMIS</a></li> <li>• Postman project shared with GovStack</li> <li>• GOvStack testing harness for openIMIS starts with SolDevelo - results were not very good</li> </ul>	29.06.2023
246	International Developers	A	<ul style="list-style-type: none"> <li>• How do we make the community compatible with other language groups at all levels?</li> <li>• French channel in discord?</li> <li>• Workshop organised by Digital Square</li> <li>• call with Digital Square, they set up a workshop on how to integrate other language communities</li> <li>• team from DRC has joined</li> <li>• planning for a developers coffee table session (e.g. once in two weeks/ one per month) - same timeslot as gumzo <ul style="list-style-type: none"> <li>• shifting the toumai-developer call to second week because of easter monday</li> </ul> </li> <li>• #252</li> </ul>	04.04.2023
249	Random Claim Sampling	I	<ul style="list-style-type: none"> <li>• HIB has requested support on Claim Random Sampling.</li> <li>• upload to github done, needs to be merged in legacy</li> <li>• need to be migrated to modular - difficult for HIB</li> </ul>	15.06.2023
250	Performance test (Modular) on big data set	A	<ul style="list-style-type: none"> <li>• <a href="https://s2.openimis.org/front/home">https://s2.openimis.org/front/home</a></li> <li>• can it be further anonymized for use as demo data set</li> <li>• needs to be extended to the PostgreSQL version</li> <li>• migration script from existing MSSQL DB</li> <li>• automatically create data set - functionality already in openIMIS - script from BISq is available (<a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3511418884/Data+generation">https://openimis.atlassian.net/wiki/spaces/OP/pages/3511418884/Data+generation</a>) <ul style="list-style-type: none"> <li>◦ function not found error -&gt; needs to pull from develop branch</li> </ul> </li> <li>• STPH released a script to development - doku needed</li> <li>• count performance #358</li> </ul>	29.06.2023
252	Toumai Community		<ul style="list-style-type: none"> <li>• Upcoming <ul style="list-style-type: none"> <li>• November 1: Review of openIMIS processes and implementation examples</li> <li>• November 15: A database of documents and forms used by openIMIS implementers</li> </ul> </li> <li>• group: <a href="https://groups.google.com/g/openimis-toumai-">https://groups.google.com/g/openimis-toumai-</a></li> <li>• new candidate has to be contracted</li> </ul>	16.03.2023
260	Documentation management platform	D	<ul style="list-style-type: none"> <li>• Need to develop an implementer's guiding document on the payment layer</li> <li>• docs.openimis.org (ReadTheDocs)</li> <li>• openIMIS Docs</li> <li>• <a href="https://openimis.gitbook.io/installation-and-country-localization/">https://openimis.gitbook.io/installation-and-country-localization/</a> (GitBook)</li> <li>• need to standardise &amp; improve module documentation (e.g. which repositories are involved?)</li> <li>• topic in coordination desk team meeting</li> <li>• #306</li> </ul>	29.06.2023

			<ul style="list-style-type: none"> <li>• make it a priority next semester</li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3463315457/2022-11-17+Developers+Deep+Dive+Call">https://openimis.atlassian.net/wiki/spaces/OP/pages/3463315457/2022-11-17+Developers+Deep+Dive+Call</a></li> <li>• was a topic in community meeting: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platforms+sustaining+and+sharing+knowledge">https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platforms+sustaining+and+sharing+knowledge</a></li> </ul>	
274	Default module configuration	A	<ul style="list-style-type: none"> <li>• Add default configuration to DB for each module so implementers know what can be configured.</li> <li>• could be done through migration script</li> <li>• #288 Implementer documentation</li> </ul>	09.06.2022
284	offline mode (web)	I	<ul style="list-style-type: none"> <li>• current version of extracting data for offline mode for web-app is not working</li> <li>• nobody is using it, improve mobile apps instead</li> <li>• need to communicate to implementers</li> <li>• Ticket open to test the offline version for the Legacy <a href="https://openimis.atlassian.net/browse/OP-466">https://openimis.atlassian.net/browse/OP-466</a></li> <li>• problem with vouchers - validation via USSD?</li> <li>• to check if this can be done via the new mobile solution</li> <li>• # 343</li> </ul>	09.02.2023
286	Mauritania Implementation	I	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144081/Project+Customization+Mauretania">https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144081/Project+Customization+Mauretania</a></li> </ul>	15.06.2023
288	Implementer documentation	D	<ul style="list-style-type: none"> <li>• Should we add specific documentation for the implementers (not end user or installation) ?</li> <li>• Explain the module configuration in details, start from new structure</li> <li>• through tender 2?</li> <li>• #306</li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3575382022/Core+Module">https://openimis.atlassian.net/wiki/spaces/OP/pages/3575382022/Core+Module</a></li> </ul>	29.06.2023
295	OpenMRS/BAHMNI FHIR	I	<ul style="list-style-type: none"> <li>• openMRS/BAHMNI FHIR needs to be updated to FHIR4 - workload and funds (Notice F2?)? (FHIR3 still works, though)</li> <li>• Global OpenMRS packages still on FHIR3 - work in progress to migrate</li> <li>• synchronise with Possible Health implementation</li> <li>• FHIR4: there were updates in the BAHMNI packages</li> <li>• FHIR5: #320</li> <li>• installation scripts from 2019 are difficult and specific the Possible Health Project</li> <li>• FHIR update to FHIR4 in OpenMRS done, but no claims</li> <li>• Presentation to be held by GIZ NP in Sydney (MedInfo)</li> </ul>	20.04.2023
296	Cameroon Voucher Scheme	I	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3472621589/Project%3A+Customization+Cameroon">https://openimis.atlassian.net/wiki/spaces/OP/pages/3472621589/Project%3A+Customization+Cameroon</a></li> <li>• bundle/package of services and items, and voucher number validation features was developed by Y-Note #243</li> <li>• UCPC MoH</li> <li>• integration to main branch needed (PR needs to be fixed)</li> <li>• claim valuation has issues related to demrem calculations</li> </ul>	29.06.2023
301	Split database user	A	<p>Consider splitting database user of the webapp and the more advanced user. Right now, the documentation says to create imisuser with db_creator role. The user also has the right to create backups and restore them. The legacy app allows admins to give a path like c:\openimis\foo and dump a file there. Or load the database from such a path. This is a big risk for security. Even if it is restricted to Admins, combined with another flaw, it might have very bad effects</p>	03.03.2022
304	Django module from ol modules	A	<ul style="list-style-type: none"> <li>• Add django modules from openimis modules</li> <li>• this is not only about loading py modules, it needs to be part of the DJANGO_MODULE in the assembly settings.py</li> </ul>	12.05.2022

306	Documentation QA	A	<ul style="list-style-type: none"> <li>Consistent documentation</li> <li>Tasks: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3276505089/Documentation+QA+Activities+2022">https://openimis.atlassian.net/wiki/spaces/OP/pages/3276505089/Documentation+QA+Activities+2022</a></li> <li>Wiki-structure: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3290923009/Wiki+Target+Structure+Draft">https://openimis.atlassian.net/wiki/spaces/OP/pages/3290923009/Wiki+Target+Structure+Draft</a></li> <li>New focus on installation guide <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3304488961/Documentation+Taskforce">https://openimis.atlassian.net/wiki/spaces/OP/pages/3304488961/Documentation+Taskforce</a></li> <li>documentation platform #260</li> <li>Harmonizing openIMIS descriptions -&gt; <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3499032577/openIMIS+Standard+Descriptions+-+Overview">https://openimis.atlassian.net/wiki/spaces/OP/pages/3499032577/openIMIS+Standard+Descriptions+-+Overview</a></li> <li>List of Wiki maintenance tasks - <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3481993288/Wiki+Maintenance">https://openimis.atlassian.net/wiki/spaces/OP/pages/3481993288/Wiki+Maintenance</a></li> <li>workshop in CM: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platforms+sustaining+and+sharing+knowledge">https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platforms+sustaining+and+sharing+knowledge</a></li> </ul>	22.06.2023
311	Mobile Offline extracts	A	<ul style="list-style-type: none"> <li>We decided not to include the web offline mode extracts but the Mobile app extracts and imports are necessary (and missing)</li> <li>UI integration is needed</li> </ul>	29.06.2023
312	UI-Wording	D	<ul style="list-style-type: none"> <li>Automated translation done with verification (on all terms extracted)</li> <li>Who decides on wording in user-interfaces for the standard version?</li> <li>address this question to implementers</li> <li>Discuss: Who is responsible?</li> <li>make it part of the UAT - especially French version</li> <li>STPH started to check French terms on localise</li> <li>missing keys (e.g. login screen)</li> </ul>	15.06.2023
321	Compatibility with other DB systems	I	<ul style="list-style-type: none"> <li>Oracle is officially supported in Django</li> <li>openIMIS is most likely not able to take over Support for non-PostgreSQL</li> <li>stored procedures are still a problem</li> <li>different json dialects are handled by Django (indexing problem in MS-SQL reduced, but not efficient) - done</li> <li>DJANGO migration scripts should be used exclusively - create ticket</li> <li>current release: data migration from MS-SQL to PostgreSQL (might need customization)</li> <li>future releases: develop against PostgreSQL, migrate to MS-SQL or others if needed</li> <li>DB management done through Django from now on <ul style="list-style-type: none"> <li>will allow for easier DB migration without SQL scripts</li> </ul> </li> </ul>	25.05.2023
316	The Gambia	A	<ul style="list-style-type: none"> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3477110785/Project%3A+Customization+The+Gambia">https://openimis.atlassian.net/wiki/spaces/OP/pages/3477110785/Project%3A+Customization+The+Gambia</a></li> <li>decision for OpenClinics GA <a href="https://sourceforge.net/projects/open-clinic/">https://sourceforge.net/projects/open-clinic/</a></li> <li>will provide FHIR integration - another interoperability example for us</li> <li>demo on CRVS <a href="#">HERA</a> integration - are the APIs openly documented? Based on <a href="https://github.com/SecureIdentityAlliance/osia">https://github.com/SecureIdentityAlliance/osia</a></li> <li>A lot of things are not ready yet but Gambia wants to start ASAP, even if incomplete</li> </ul>	25.05.2023



			<ul style="list-style-type: none"> <li>• They are now considering a capitation system or a hybrid system, Bluesquare to investigate options. STPH warned that the current capitation implementation is very Tanzania centric.</li> <li>• ePayment integration for commission payment</li> </ul>	
317	Implementation in DRC	A	<ul style="list-style-type: none"> <li>• Implementation kick-off</li> <li>• one configuration issue being discussed (waiting period)</li> <li>• next: migration to modular version</li> </ul>	22.06.2023
320	FHIR R5	A	<ul style="list-style-type: none"> <li>• Can this be funded through Digital Square?</li> <li>• could be part of an implementation project</li> <li>• official release done</li> <li>• could be a student project / estimation of days needed</li> <li>• update in claims: field for scheme not mandatory any more</li> </ul>	25.05.2023
326	Publication to FHIR IG registry	A	<ul style="list-style-type: none"> <li>• Publication to FHIR IG registry <a href="http://fhir.org/guides/registry/">http://fhir.org/guides/registry/</a> <a href="http://registry.fhir.org">http://registry.fhir.org</a></li> <li>• needs to be done to enable the NP and TZ extension</li> </ul>	25.05.2023
328	Sandbox	I	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3219128428/Sandbox+Landscape">https://openimis.atlassian.net/wiki/spaces/OP/pages/3219128428/Sandbox+Landscape</a></li> <li>• default: postgres, additional option MSSQL on release server</li> <li>• MSSQL still required for the mobile App <ul style="list-style-type: none"> <li>◦ Demo -&gt; PSQL</li> <li>◦ Release -&gt; MSSQL + Mobile backend</li> </ul> </li> <li>• DHIS2 demo needed (just data no ETL) <ul style="list-style-type: none"> <li>◦ where are the resources from the HISP India project - especially data are needed</li> </ul> </li> </ul>	09.02.2023
329	openIMIS implementation for IDP in cameroon	I	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3472621589/Project+Customization+Cameroon">https://openimis.atlassian.net/wiki/spaces/OP/pages/3472621589/Project+Customization+Cameroon</a></li> <li>• Insurance scheme like Voucher scheme with scoring system</li> <li>• Bonus and penalties</li> <li>• curation/filter for potential beneficiaries</li> <li>• multi provider mechanism is needed: different providers, same invoicing channel</li> <li>• on hold (waiting for server)</li> </ul>	20.04.2023
332	PBF link	I	<p>BlueSquare is looking at the link between openIMIS and results based finance</p> <ul style="list-style-type: none"> <li>- in pilot phase</li> <li>- documentation will be shared later -&gt; wikipage</li> <li>- Cameroon project PoC not possible because HIV openIMIS instance is still Legacy. New contract is signed by STPH to migrate to modular and include this connection</li> </ul>	25.05.2023
335	IHE profiles	A	<ul style="list-style-type: none"> <li>• Approach IHE to propose OpenHIE standards as IHE profile</li> <li>• board meeting last Tuesday - next milestone in March</li> <li>• next activity: look for IHE experts</li> <li>• pull in GIZ expert - will join next FISh call</li> <li>• new contact US Gravity project</li> </ul>	29.06.2023
337	login case sensitivity		<ul style="list-style-type: none"> <li>• postgres is case sensitive for login names, mssql isn't</li> <li>• We can make it case insensitive but we have to be careful if people create a "admin" user when the actual one is Admin.</li> <li>• PR made, CI errors ? On which branch to merge ?</li> </ul>	29.06.2023
339	Installation	A	<ul style="list-style-type: none"> <li>• can we move to docker compose 3.8? <ul style="list-style-type: none"> <li>◦ swarms, secrets</li> <li>◦ some option are not supported (see warning if 3.X is used) but nothing seems blocking</li> </ul> </li> <li>• move to 3.8: yes, but needs review - didn't work</li> <li>• rework of the docker <ul style="list-style-type: none"> <li>• Move to docker 3</li> <li>• merge dist_dkr be assembly</li> <li>• Changes need to be tested on standard platforms ( linux) and windows and documented in <a href="#">Installation Guide</a></li> </ul> </li> </ul>	23.03.2023

			<ul style="list-style-type: none"> <li>• Implications of having the docker compose versioned in be assembly need to be considered</li> <li>• option for additional cloud init file: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3510730757/deploying+with+docker+and+cloud-init">https://openimis.atlassian.net/wiki/spaces/OP/pages/3510730757/deploying+with+docker+and+cloud-init</a></li> <li>• Installation script from NP:</li> <li>• change docker compose to create images via npm</li> </ul>	
341	Impact Evaluation NP	I	<ul style="list-style-type: none"> <li>• STPH gained funds from WHO to do impact evaluation in Nepal</li> <li>• preparation has started , results by end of April</li> <li>• consultant is identified &amp; contracted</li> <li>• indicators and costs evaluation in progress</li> </ul>	20.04.2023
342	BI Architecture	I	<ul style="list-style-type: none"> <li>• Integrate elastic search or as part of an attached FHIR server <ul style="list-style-type: none"> <li>◦ indexation issue</li> <li>◦ rebuild time</li> <li>◦ needs a lot of Ram (in memory approach)</li> </ul> </li> <li>• Metabase ? issue with weird OI db structure</li> <li>• plan deep dive on Soldevelo ADX solution</li> <li>• <a href="https://github.com/openimis/openimis-be-dhis2_etl_py/blob/chad-indicator/dhis2_etl/services/adx-indicator.py#L362">https://github.com/openimis/openimis-be-dhis2_etl_py/blob/chad-indicator/dhis2_etl/services/adx-indicator.py#L362</a></li> <li>• Experimenting with Apache Doris as an aggregator</li> </ul>	16.03.2023
350	Multi scheme provider / tenants		<ul style="list-style-type: none"> <li>• Multi scheme provider vs. true multi tenancy</li> <li>• Which data boundaries are needed?</li> <li>• use cases coming up in CM and DRC</li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/2387083274/Idea+Separation+of+Target+Groups+Multi-tenancy">https://openimis.atlassian.net/wiki/spaces/OP/pages/2387083274/Idea+Separation+of+Target+Groups+Multi-tenancy</a></li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3522461697/Idea+Multi-programmes">https://openimis.atlassian.net/wiki/spaces/OP/pages/3522461697/Idea+Multi-programmes</a></li> </ul>	09.03.2023
353	CORE MIS		<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3531407380/Project+2022.T3+CORE-MIS+Merger">https://openimis.atlassian.net/wiki/spaces/OP/pages/3531407380/Project+2022.T3+CORE-MIS+Merger</a></li> <li>• first sprint: beneficiaries &amp; households</li> <li>• weekly deep dives every Tuesday at 15:00 CET</li> <li>• open it up for all developers</li> <li>• task module</li> <li>• ETL module through OpenFN</li> <li>• need to better harmonise new features / processes / structures with existing ones</li> </ul>	29.06.2023
354	Time quantity	A	for plan (enrolment and payment) but also for policy duration; a time quantity could be useful: How openIMIS should manage time quantity BE/FE (e.g. monthly, period ,...)	09.03.2023
355	AI Summit	I	2023-07-06 to 2023-07-07 <a href="#">AI for Good Global Summit</a>	20.04.2023
357	caching balance	A	<p>provide a mechanism to increase the performance to calculate the balance per insuree - currently full table scans:</p> <p>Idea from nepal mission:</p> <ul style="list-style-type: none"> <li>- create a cache_balance table with those columns <ul style="list-style-type: none"> <li>- balance (actually approved)</li> <li>- provisional (submitted claim)</li> <li>- temporary (draft claim)</li> </ul> </li> </ul> <p><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3542286337/Benefit+consumption+module+Enquire">https://openimis.atlassian.net/wiki/spaces/OP/pages/3542286337/Benefit+consumption+module+Enquire</a></p>	15.06.2023
359	Items and service UI		<p>Missing entries</p> <ul style="list-style-type: none"> <li>- mask that cannot match to any insuree should not be saved : if none select for a specific concern then applicability for all should be saved for that concerns</li> <li>- 1 mask when we might need 1 mask per concern <ul style="list-style-type: none"> <li>- Sex</li> <li>- Age group</li> </ul> </li> <li>- <a href="#">issue for quick fix</a></li> </ul>	22.06.2023



361	Review technology to fulfil evergreen idea	I	<a href="https://openimis.atlassian.net/browse/OP-1372">https://openimis.atlassian.net/browse/OP-1372</a> #368 - decisions may eliminate some points	22.06.2023
363	Product determination stage	I	When we create a claim, the items and services are not assigned to a product until the claim is submitted and validation passed. Consequences: <ul style="list-style-type: none"> <li>the Health Facility cannot know the deductible</li> <li>some report might hide some claims</li> </ul> Claim predetermination to have valuation of the claim without saving in DB <ul style="list-style-type: none"> <li>Incubator: page to be created</li> </ul>	22.06.2023
364	New enrollment/Enquiry App HIB	D	<ul style="list-style-type: none"> <li>HIB has developed a new Mobile Application</li> <li>Contracted Tinker Technology</li> <li>Already in <a href="#">Play Store</a></li> <li><b>can we integrate this into the main release?</b></li> </ul>	25.05.2023
365	Version tracks	A	<ul style="list-style-type: none"> <li>Fixes are coming for the release</li> <li>CORE-MIS will be changing deeply</li> <li>LTS vs development</li> <li>=&gt; features go to which branch</li> <li>merging of branches is out of synch - clean up</li> </ul>	22.06.2023
366	SSF ERP NP		<ul style="list-style-type: none"> <li>set up deep dive to discuss new features</li> </ul>	15.06.2023
367	Free enroll <5 and 65+		<ul style="list-style-type: none"> <li>Adding a product with a 0 contribution doesn't allow enrollment</li> <li>Making the contribution free for some beneficiaries</li> <li>make it a deep dive</li> </ul>	29.06.2023
368	Server Side Rendering	A	<ul style="list-style-type: none"> <li>Deepdive: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3557752833/2023-05-25+Developers+Deep+Dive+Call">https://openimis.atlassian.net/wiki/spaces/OP/pages/3557752833/2023-05-25+Developers+Deep+Dive+Call</a></li> <li>need to discuss this again after SolDevelo does the first changes</li> <li>#361 - impact on migration scenarios</li> <li>wait for budget</li> </ul>	22.06.2023
369	Claim automation	A	<ul style="list-style-type: none"> <li>review process</li> </ul>	15.06.2023
370	Change way settings are loaded	A	<a href="https://github.com/openimis/openimis-be_py/pull/95/files">https://github.com/openimis/openimis-be_py/pull/95/files</a> useful to add scheduled tasks in settings eg. policy renewal	22.06.2023
371	Rename batch-run	D	<ul style="list-style-type: none"> <li>rename batch-run to payment cycle?</li> </ul>	22.06.2023
372	Task based WF	I	<ul style="list-style-type: none"> <li>new approach from CORE-MIS project: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3564503053/Task+based+update+-+technical+details">https://openimis.atlassian.net/wiki/spaces/OP/pages/3564503053/Task+based+update+-+technical+details</a></li> </ul>	22.06.2023

### Deep Dive Topics:

- 2023-07-06: DHIS2 integration demo - Hiren (Swiss TPH)
- 2023-06-29: Change way settings are loaded #370
- 2023-06-22:
  - FHIR APIs for mobile APP
  - interoperability roadmap
  - GovStack Testing Harness
- 2023-05-25: Server Side Rendering
- 2023-04-20: Review technology to fulfil evergreen idea
- 2023-03-23: Discuss best practices for customising openIMIS without breaking the core
- anonymization in HIV scheme
- Multi scheme providers
- Kubernetes vs. Docker

- Payment Layer use-case
- Semantic versioning
- Mobile applications & API migration to modular
- Database compatibility
- OpenHIE Health Financing toward UHC - workflows
- Remodelling Products & Coverage (Benefit package):

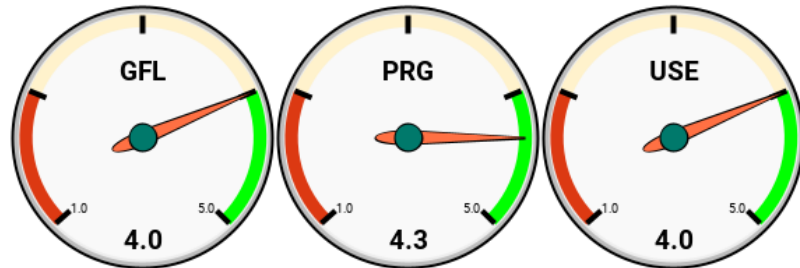
<https://openimis.atlassian.net/wiki/spaces/OP/pages/3463577606/Product+refactoring>

**Meeting evaluation:**

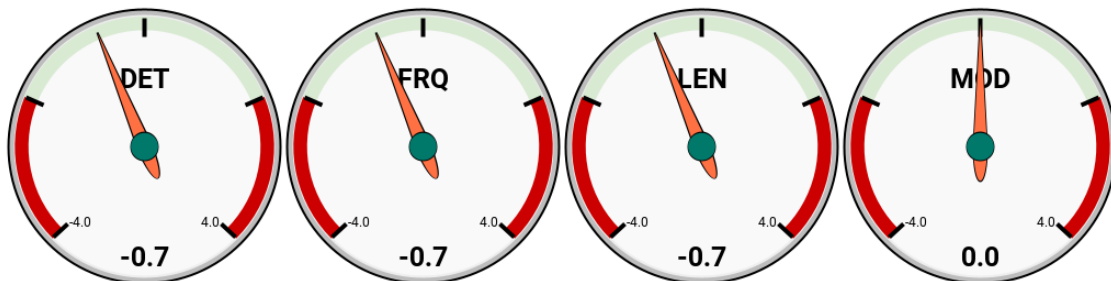
Records

3

Overall Mood



Event Parameters



**Legend:**

Overall mood (status):

GFL: General feeling about the meeting [very disappointed ... very glad]

PRG: General feeling about project progress (own project) [big trouble ... great success]

USE: Usefulness of the meeting (for own project) [not at all ... very much]

Event parameters of the meeting (XYZ needs to be ...):

DET: Degree of detail [more condensed ... more detailed]

FRQ: Frequency of the event [fewer ... more]

LEN: Length of the event [shorter ... longer]

MOD: Moderation [stricter ... more open]