

Atmospheric Emission Licensing: Transition to an Automated System

Session 8.2

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Climate Change and Air Quality



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Outline

- **System for National Atmospheric Emission Licensing (SNAEL)**
- **South African Atmospheric Emission Licensing & Inventory Portal (SAAELIP)**
- **SAAELIP System Functionality**
- **Transitioning to the SAAELIP**
- **Way forward**



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SNAEL: Project Background

- About eight months ago the DEA embarked on a project to develop the System for National Atmospheric Emission Licensing (SNAEL), an online AEL processing system for LAs across all spheres of government,
- Over the last couple of months the DEA, together with LAs, has been hard at work developing the system, which now forms part of the South African Atmospheric Emission Licensing and Inventory Portal (SAAELIP)
- The main objectives of the SNAEL were to:
 - Standardise the processing and issuing of AEL
 - Reduce the administrative burden on LA in the procession of AELs
 - Improve service delivery in the processing of AEL
 - To provide a “Cradle to Grave” System for management of AELs

SNAEL: Project Background

- Key to the development of the SNAEL was the integration with NAEIS under the SAAELIP portal. The benefits of the integration in the SAAELIP are as follows:
- For the LA:
 - One entry point to both systems
 - Use of existing NAEIS account credentials
 - Migration of existing NAEIS AEL holder information to SNAEL
 - A singular platform to monitor AEL emissions reporting & NAEIS emission inventory reporting
- For the regulated community: Same as above
 - A singular platform for AEL emissions reporting & NAEIS emission inventory reporting

SAAELIP: Overview

One-stop Entry Point for Online Licensing/Reporting

1 Single Sign-on

6 Public Search

South African Atmospheric Emission Licensing & Inventory Portal (SAAELIP)

2 User ID

Password, PIN

Registration: Identify Proofing, Account, Security, Permission

Single Sign-on

Central View of AEL and EI Summary

Signing Authority

Certification/Verify Credential

Track Review Statuses

Correspondence

Work Flow Engine

Compliance Inspection

Issue AEL

Compliance Reporting

Violation Tracking

Others...

Data

StyleSheet

Copy-of-Record

eSign

SHA 512

EMAIL VERIFY

Public Inquiry

XML

CSS

eSign

SHA 512

EMAIL VERIFY

Email confirm

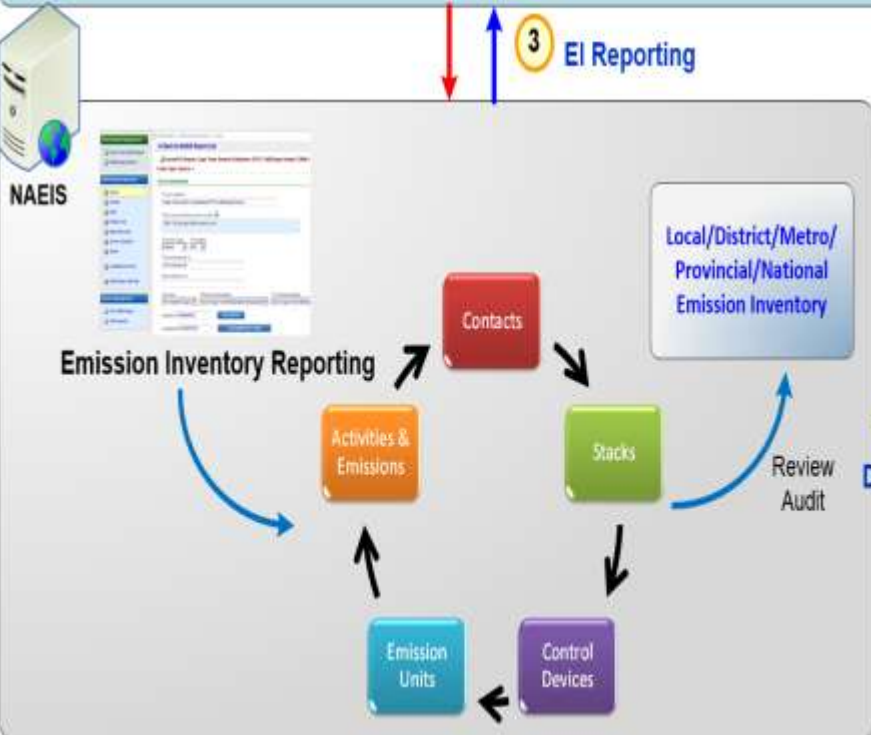
Public Inquiry

3 EI Reporting

4 AEL Licensing

5

Data Integration



SAAELIP: System Background

Atmospheric Emission Licences

For All Atmospheric Emission Licencing Authorities SAAELIP provides the ability to:

- Process and issue Atmospheric Emission Licence applications online;
- Schedule licencing related inspections and track inspection results;
- Manage online compliance reporting;
- Facilitate communication with the AEL holders on the status of emission reports.

NAEIS

For All Atmospheric Emission Licencing Authorities the SAAELIP provides the ability to:

- Manage online reporting of emission inventories as mandated under the National Atmospheric Emission Reporting Regulations Gazette No 38633 of 2015
- Track the status of submitted emission reports

SAEELIP: System Background

Atmospheric Emission Licences

For Industry and Consultants:

- Apply and submit an Atmospheric Emission Licence online;
- Track the status of an application;
- Submit emission compliance reports online;
- Track historical versions of all applications and emissions reports.

For the General Public:

- Provide the public with information about air pollutants permitted in Atmospheric Emission Licences for specific industries

NAEIS

For Industry and Consultants:

- Submit and manage emission inventory reports online;
- Track the status of an emission reports;
- Track historical emission inventory reports.

For the General Public:


- Provide the public with a summary of the National Emission Inventory Report of significant pollutants

SAELIP: Licensing Authority Login Page

saaelip.environment.gov.za/SAELIP/SAELIP_AUTHORITY/GovEnt/Shared/Pages/Main/Login.aspx

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South African Atmospheric Emission Licensing & Inventory Portal SAELIP - Authority



Welcome to South African Atmospheric Emission Licensing & Inventory Portal - SAAELIP

The SAAELIP is an online portal for Licensing Authorities in all spheres of government to process, issue and manage Atmospheric Emission Licenses (AEL) in terms of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) as well receive, track and manage emission inventory data. The portal provides Licensing Authorities with the ability to:

- Process and issue AEL applications online;
- Track AEL workflows and manage tasks & assignments;
- Monitor the processing status of all online applications;
- Schedule licensing related inspections and track inspection results;
- Configure processing fees required for each application and manage payment;
- Manage online compliance reporting;
- Track historical versions of all applications
- Audit submitted emission inventory data; and;
- Facilitate communication with the data provider on the status of the emission inventory.

Agency Login

User name

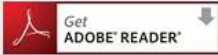
Password

remember me

[Forget Password?](#)

Release Date: September 04, 2015
Version: 4.015.0807.19090

SAAELIP uses Adobe Reader for some online document viewing. Please click the following link to install Adobe Reader Plug-in software.

 Get ADOBE READER

SAAELIP Website is verified by

SAAELIP: Licensing Authority Dashboard

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SAAELIP - Authority

Home Submittal Inspection Report System Setting My Account Manage Facility Hello, Thabo Help Logout

Group: [] User: Thabo Setshedi [GO]

Summary of AEL Issued

Total of Active AEL:	0
Total of AEL Issued in the Past 6 Months:	0
Total of AEL to be Expired in 6 Months:	0
Total of AEL being Renewed:	0

Annual Emission Inventory Report Summary (NAEIS)

Masterlist Listing:	1123
Total EI Reports Received:	1
Audit Unassigned:	0
Audit Completed:	1
Audit Incomplete:	0

My Tasks

There is no Submittal Reviewing task.
If you need to search task, please select **Work Task** tab on top.

My Inspections

Status: Scheduled []

There is no inspection task.
If you need to search task, please select **Work Task** tab on top.

Message Center

- Submittals
No message need your attention.
- Inspections
No message need your attention.
- New ACO Account
No message need your attention.

My Queries

Application Review Work Assignment Summary	N/A
Registered User Summary	0
License Application Summary	N/A
Inspection_Status	N/A

javascript: __doPostBack('ct100\$HeaderMenuContent\$MenuBar1\$smHomeAdmin', '');

SAAELIP System Background: 7 Works Flow



Transitioning to SAAELIP

AEL Holder
Information
Migration
from NAEIS

Soft –
Launch

Launch:
30 Sept 2015

Management
of Existing
AELs

Processing
of New AEL
Applications

Data Migration & Soft Launch

- The DEA announced the soft-launch from 16-30 September 2015, during which period the LAs are able to do the following:
 - ✓ Verify local authority user accounts are consistent with their current NAEIS accounts;
 - ✓ Verify local authority user privileges are consistent with their current NAEIS accounts;
 - ✓ Verify the regulated facility data within each local authority are consistent with the NAEIS database;
 - ✓ Verify online tutorial is provided and accurate;
 - ✓ Verify online documentations are accurate and up to date;

However no data will be saved in the system during this period!

Management of Existing AELs

- For existing AELs the system will allow for the following:
 - ✓ Uploading of AEL copies by either LA or an AEL holder *(but won't be able to populate the AEL information into the system as this can only be done by the applicant at the application stage)*
 - ✓ Uploading of any other relevant AEL related documents such as emission reports and site inspection report
 - ✓ Capturing by the LA of due dates for reporting requirements for the AEL holder

Processing of New AEL Applications

- Full system functionality will be unleashed during the processing of new AEL applications (including renewal, review, variation & transfers):
 - Allows an applicant to apply online & upload documents (paperless application)
 - Generates & archives correspondence between the LA & the applicant
 - Provides for a 4-level security electronic signature for the applicant
 - Captures AEL conditions, sets notifications & reminders for emission reporting, inspections & renewals
 - Archives an AEL history for a facility (parent – child relationship)
 - Allows a LA to conduct site inspections via a mobile platform (additional)
 - Allows a LA & applicant to track progress of an AEL

Way Forward

- Upload copies of issued AELs and other relevant AEL documents such as emission reports, site inspection reports.

Target period: 6 months (March 2016)

DEA will assist those LAs who have provided AELs

- Require AEL holders to verify and update information migrated from NAEIS
- Provide DEA feedback on any challenges encountered during usage of system
- Completion of the Standards Operating Procedure (SOP). Currently user manuals for LAs and AEL Holders and the Online Tutorial are available on the portal.



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