Graded Authorisation Management Information System
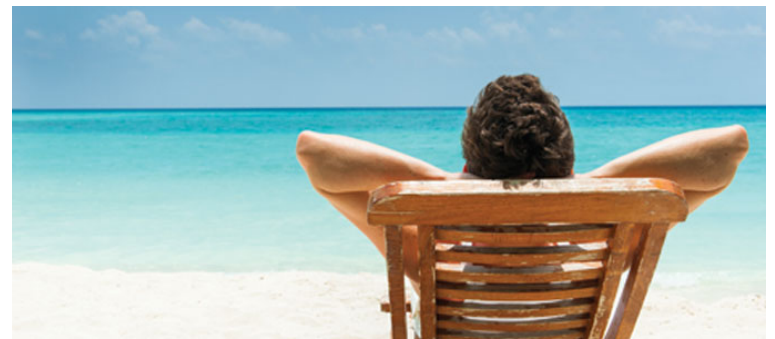
Hugh Synnott

Radiation Protection Regulation
Office of Radiological Protection

GAMIS Project

- Development of new IT System for regulation of ionising radiation in Ireland

- Deliver system for EPA to manage radiation licensing and inspection processes

- Enabler for Graded Authorisation (BSS) within EPA

Ambition ……………….

GAMIS Phase 1 - Licensing

- Development Work Commenced October 2014

- System Functionality – all licensing business processes
  - New licence applications
  - Amendments to existing licences
  - Renewal of expiring licences

- Phased Approach
  - User Trial, 5 licensees, 25 licensees

- System Launch - March 2015
  - 360 licensees invited to renew licences online

GAMIS Phase 2 - Inspections

- **Challenges**:
    - Developing the annual inspection programme
    - Document control – 29 different audit forms
    - Unstructured inspection data
        - Filing cabinets full of paper
    - Licensee follow up and close out
- October 2015 – project commenced
- March 2016 – Inspection module released

Business Benefits

- **Enhanced Customer Service**
  - Licensees managing their own data
  - On-line customer self-service

- **Empowering regulatory function to make more effective use of resources**
  - Improved streamlined administrative and technical processes
  - Better tracking of licensee activities
  - Paperless service/online system
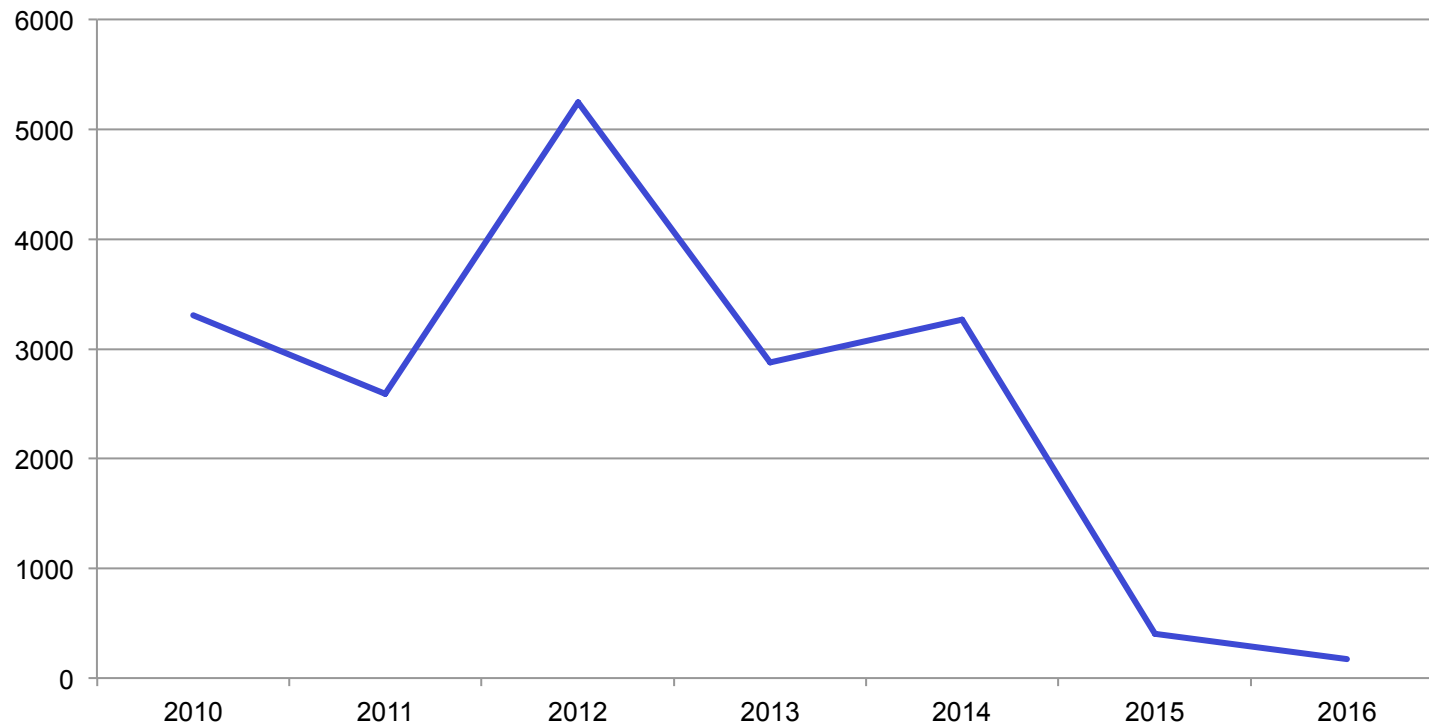 - EDEN primary communication tool

- **Effective Regulatory Data Management**
  - One version of the truth
  - Intelligent use of regulatory information

We have moved away from paper …..

Paper Transactions

We are more efficient ....

- March licence renewals (pre GAMIS) – expiry 31st March:
  - Invitations issue in mid February
  - Licences issued: March …………… August …….. October ……
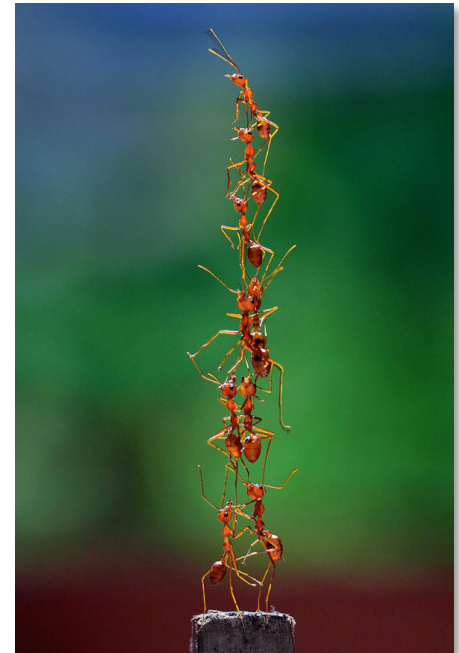 - Reminder sent: May …….. July …….. October ………

- 2016 March licence renewal programme
  - 175 Invitations issued: 1st March 2016
  - Reminder sent: 22nd March
  - 1st April: 86% completed
  - 1st June 98% completed
  - Focus on non-renewals

What did we learn?

- Resource intensive project - make demonstrable space in work programme
  - 100% commitment from business unit and unit head
  - Everyone had a role
  - Everyone bought into and believed in the system
  - Understanding of system – familiarity
- Internal knowledge of our own data
  - Rubbish in …….... Rubbish out
- Skills of business testers
  - Focus on process – helicopter view
  - Focus on detail
  - Focus on breaking it!

What more did we learn?

- **Build an open honest relationship with system developers**
  - Learn each others' language
  - Learn decision making processes
  - Give and take on both sides
    - Developers had to understand what was important to the business
    - Scope of sprints – business had to be realistic

- **Hard deadlines**
  - it worked ………… but it was a challenge

- **Reduced Inspection programmes**
  - Radiation Protection standards slip!

Next steps

- GAMIS – Phase 3 (Linking with EPA Finance Management System
  - Online licence fee payment

- Dental Renewal
  - 980 licences for renewal by 30th September

- Phase 4 - Graded Authorisation
  - New European BSS