

**Environmental Data Management
Exploring New Approaches in Data Sharing
A Partnership Project Between Viridor and the Environment Agency**

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Objectives



- Introduction/Background
- Who We Are/Our Core Principles
- Portal Design & Development
- What Does the Portal Mean?
- Conclusions
- Demonstration

Introduction / Background



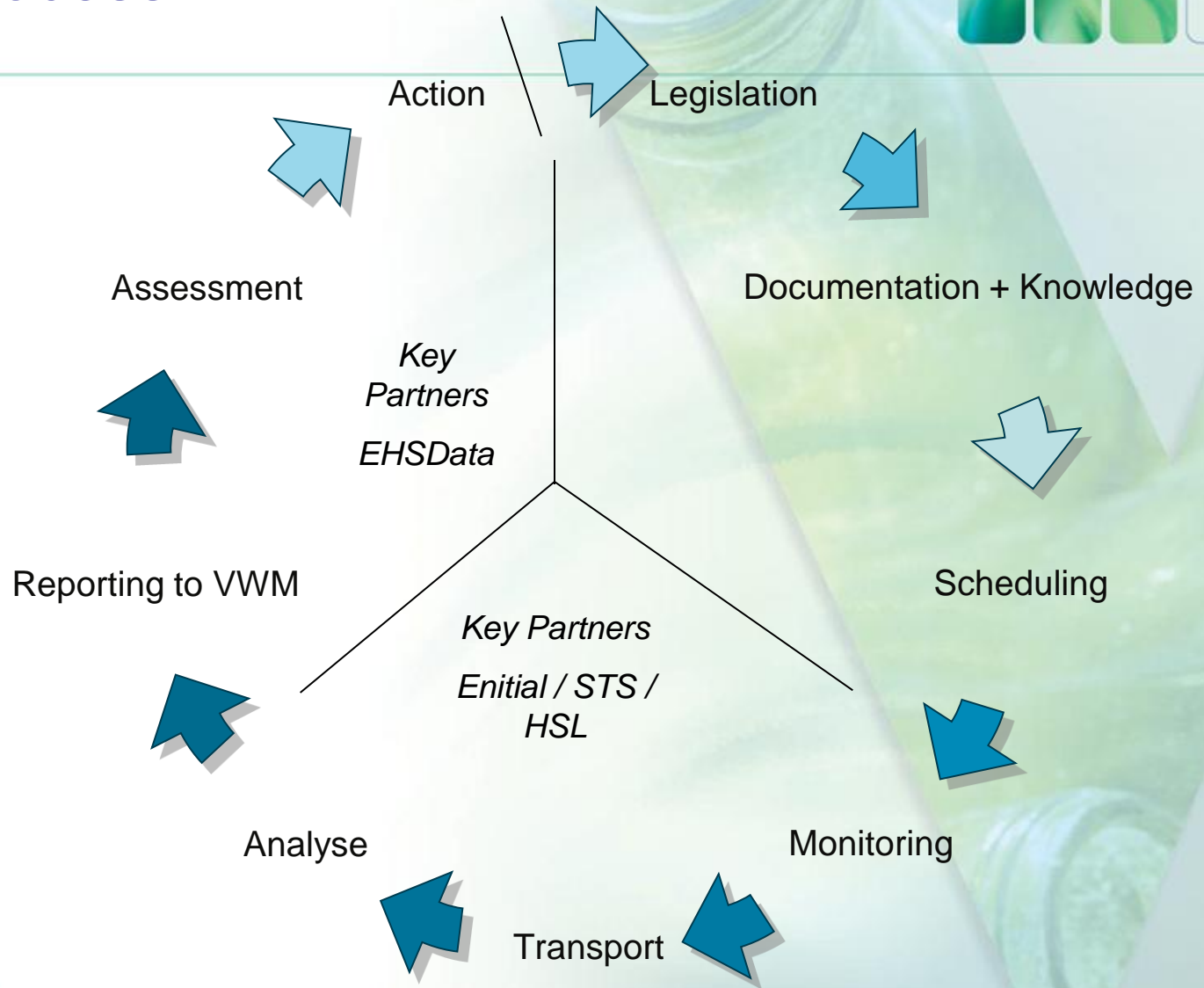
- Traditional and retrospective reporting structure within EP Permits
- Step change - following the arrival of environmental breach notifications
- Equal focus on assessment of “process” not just the “limit”
- Transfer of data from Operator to Agency is arduous and retrospective
- Data and IT systems, records and formats in Viridor have evolved dramatically since 2005

Who Are We? / Our Core Principles



- The Environment and Aftercare Team
- The team is built around the following core principles of being:
Timely, professional, efficient, informative, consistent and pro-active
- Equally, we try to keep matters as *simple* as they need to be
- Annual activity 2010: 34,100 files from 19 sources, averaging 51,200 pieces of data each day
- Partnership working with enitial, EHS Data, STS, HSL

The Process



Portal Development



The portal has been designed to:

- Demonstrate work has been scheduled correctly
- Present data in tabular and graphical forms
- Present details of our actions to permit trigger breaches
- Demonstrate the continual maintenance of our systems
- Be downloadable by Agency staff
- Enable full audit of our performance from Agency offices

Portal Development



The portal has been designed:

- In partnership with the Agency officers and management
- Builds on all existing Viridor systems and partnerships with all support contractors
- Can be readily scaled from 3 sites to 50 from July 2011 onwards
- Sets a standard for alternative reporting
- Reflects a change in culture and IT development since permits were first issued
- Is secure

What could the Portal mean?



For Viridor:

- No change in the way data is obtained
- End of “traditional” Quarterly Reporting
- Progressive roll out of portal through 2011
- Demonstrated management of all areas of the environmental data management
- Presentation forum for annual performance stats
- 2011 LRG focus on why and what we monitor for, action plans with resultant cost benefits

What could the Portal mean?



For the Agency:

- Recognition of where industry and IT systems are
- Trust in proven systems used by Viridor
- Elimination of duplication of effort
- Focus on remote audit of whole process
- Need to give clear guidance, permitting exemptions, stimuli for others
- Residual focus on operators using traditional reporting systems

Conclusions



Delivery of data and information over the portal:

- “retrospective” to “timely” – changing the roles of those managing and assessing the data
- Reduces and / or eliminates the need for duplication of effort
- Places trust in Viridor’s systems and competences
- Is the future for environmental (and other) data
- Agency commitment must now extend to giving industry the necessary “steer” to overcome current barriers to adoption of systems

And Finally



Thank you for listening – a short demonstration now follows
and please feel free to ask any questions

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