

FOOTPRINT

Functional Tools for Pesticide
Risk Assessment and
Management



FOOTPRINT annual meeting, 23-24 November 2006

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Agenda



> Day #1

- Overall presentation of FOOTPRINT
- Progress report
- Reporting on some of the science undertaken in FOOTPRINT

> Day #2

- Discussion sessions
- Split-up groups and get-together sessions
- Coffee from 8:30; Start at 9:00



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Agenda for day #2



> Morning

- Focus on the 3 FOOT tools
 - Short presentations by Kathy Lewis, Stefan Reichenberger and Martin Bach
 - Split sessions lead by members of the Advisory Committee
 - FOOT-FS: Carlo Riparbelli
 - FOOT-CRS: Bob Breach
 - FOOT-NES: Martin Streløke
 - Get-together sessions

> Afternoon

- Talk on dissemination activities
- Discussion session
- Get-together sessions



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Over to Kathy, Stefan and Martin



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Why do so much on feedback/interaction?

> Maximise the usefulness of the tools

- There is no point in developing tools if they are not used in the future
 - Loss of time
 - Loss of effort
 - Loss of EC money
 - A lost opportunity
- The context of the project is SSP (Scientific Support to Policies)

> The FOOTPRINT approach

- Represents a major step in exposure (and risk) estimation
- A large number of potential uses
 - Too many in fact!
 - Some uses will be catered for in the project
 - Some others will have to be developed outside the scope of the project

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Why do so much on this front?

> We have numerous ideas regarding how the tools could be used

> But it's not completely down to us to decide for which purpose the tools should be used

> Potential tool users!

> Already very interesting feedback

- From the Advisory committee members
- From externals

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The usage dilemma



- > Numerous potential uses, but so little time to devote to each of these uses
- > Need to prioritise
- > Simplicity vs. Complexity
- > Open vs closed features

- > See list of questions
- > Please be explicit about what the tools should be used for



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What tools should NOT do



- > The FOOT tools have inherent restrictions
 - In particular with regard to FOOT-CRS
- > There are existing methodologies, tools and practices in place

- > It would also be interesting to know what the tools should NOT do



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Uses which have been suggested to us

> The following list is by NO MEANS a list of the future capabilities of the FOOT tools!

- Environmental indicators
- Design of monitoring networks
- Optimisation of monitoring networks
- Identification of priority substances
- A priori evaluation of policies
- A priori evaluation of mitigation measures
- Diagnostic tool at the farm scale
- A risk assessment support tool for registration in specific countries
- An evaluation of the zonal approach
- An integrated approach to contamination reduction
- An optimiser to meet the WFD objectives
- A first basis for usage restrictions
- Post registration management
- A stewardship tool
- Nation specific tools
- (Communication tool)
- (Entry for hydrological and hydrogeological models)



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The recurrent question of post-2008 funding

- > Not that we are obsessed about money!
- > Genuine will to see a continuation between the end of the project
- > The question of updates
 - Advances in science
 - Software evolution
 - Data updates (FOOTPRINT PPDB)
 - Optimisation of scenarios
- > We need to think about it from an early stage



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List of the various questions



> Question #1 - literature reviews

- Do you have any comments to make on the literature reviews which were undertaken in the first six months of the project?
- Do you have suggestions for potential further uses of the results of the reviews outside the project?

> Question #2 - use of the tools?

- What should each of the FOOT tools be used for? What should they do? Which capabilities should they have? Any specific recommendation on what they should look like?
- *Concentrate on one or two tools only*



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List of the various questions



> Question #3 - your use of the tools

- What are the most likely cases, situations and purposes where you will use one of the FOOT tools? What are the main question(s) you will be trying to answer?
- *Concentrate on one or two tools only*

> Question #4 - simplicity

- What is an adequate balance between simplicity and comprehensiveness for the FOOT tool you are most likely to use in the future?
- *Concentrate on one or two tools only*



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List of the various questions



> Question #5 - datasets

- Which default datasets should be provided with the tool which is most relevant to you? Which dataset are you likely to have on your side?
- *Concentrate on one or two tools only*

> Question #7 - beyond 2008

- Who should we contact in priority to secure funding to apply the FOOT tools in real-world applications from 2009?



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Extra questions



> Question #9 - output variables

- Out of the modelling, we get 20-year daily time series for water fluxes and pesticide concentrations for:
 - Leaching at 1-m depth
 - Drainage
 - Infiltration excess runoff
 - Saturation excess runoff
- What summary statistics should we provide in the tools for each scenario? Overall (for all scenarios)?
 - Means?
 - Medians?
 - Maximum values?
 - A range of percentiles (i.e. a limited CDF)?
 - A specific percentile?



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Extra questions



> Question #10 - application rates and timings

- Do you think we should try to include information re: application rate and timing in FOOTPRINT PPDB?
- What about variability between crops and between various places in Europe? Changes in application rates?



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Oral vs written feedback



> Details of our discussions today will be recorded by the FOOTPRINT partners

> Written feedback is usually more informative

- A big thank you to all those who have already provided their feedback
- Others are invited to provide their written feedback



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Questions for Friday afternoon



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Communication

> Question #6 - dissemination

- Dissemination and awareness building:
 - Are we doing enough?
 - Are we reaching the target end-user communities?
 - Can you recommend any event we should attend in priority in 2007 or 2008?

> Question #8 - information

- Are you satisfied with the way you can access/receive information on the project? Any suggestion for improvement?



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