Why the DRP Intervention?

» Black Sea impacts from nutrients
» Significant N/P from agriculture
  » RR result and daNUbs project
» UNDP Pollution Reduction Programme / TDA
» Decline of agriculture in mid ’90s
» Future threats from increasing agriculture production
DRP Actions on Agriculture & Diffuse Pollution

» 1.43 M USD
» 9 Contracts
» 5 Workshops (>150 participants) plus.....
» 38 Small Grant projects
» Summarised in 12 Fact Sheets and Background Stories

Agriculture & Diffuse Pollution - Overview

» Policy Assessment
» BAPs
» Pilot Farm evaluation of BAPs
» MONERIS
» NGO activities
Agriculture – Key Achievements

» Best Agricultural Practices
» Pilot Farms
» NGO activities

Agricultural Policy

» Development of Strategic Aims
  » Reduced pollution
  » Improved compliance and enforcement
  » Economic instruments
  » Capacity building for extension services
  » Promotion of organic and low input farming
Best Agricultural Practice

» Defined as: ...

‘...the highest level of pollution control practices that any farmer can reasonably be expected to adopt when working within their own national, regional and / or local context within the Danube River Basin’

» 15 BAPs developed and tested in pilot farms

Pilot Farms

» 8 Family Farms in Vojvodina, Serbia
» 472 ha with 288 animal units
» Training of farmers and advisors
» Soil analysis & nutrient balances
» Estimate:
  » Reduced release by:
    o 14t N/a;
    o 2t P /a
    o 160 kg pesticides / a
  » Effectively reduced by ~ 50% vs no BAPs
» Installed manure platform
Replication in the lower Danube

» Dissemination
  » 87 workshops with > 2500 participants
  » 91 media / promotional events in 7 countries – inc. 37 tv/radio

» Anticipated benefits if BAPs implemented:
  » Reduction of > 500,000 t/yr N
  » Reduction of > 90,000 t/yr P

BAPs - Recommendations

» Successful implementation of BAPs require:
  » Legislation, regulations etc.;
  » Inspection and enforcement;
  » Farm Advisory Services;
  » Support schemes;
  » Education and training;
  » Awareness raising;
  » Co-operation between farmers.
NGO actions on Agriculture

» Many examples of good projects
» MD – Promotion of good agricultural practices
  » Trials of organic / environmental friendly methods
  » 30 farmers paid to participate
  » Involved RO and UA farmers
  » 25 radio & newspaper
  » Farmers seeing improved yields
  » Region now using 30x less chemical fertilisers and now manure utilised
  » NGO is now to work in an EC project in Prut on BAP

Agriculture – Sustainability / Challenges

» CAP Reform
» Facilitate dialogue farmers
» Support strengthening of permitting, inspection and enforcement
» Investments for manure handling and advisory services
» Coordinate donor interventions