

# THE ITALIAN NATIONAL “VIAS” GUIDELINES FOR INTEGRATED ENVIRONMENTAL AND HEALTH RISK AND IMPACT ASSESSMENT IN ENVIRONMENTAL PROCEDURES (EIA,SEA AND IEP UNDER EU IPPC DIRECTIVE)

S.Fuser, ARPAFVG-AssoARPA; L.Sinisi, ISPRA

## WHY WE NEED THE “VIAS” GUIDELINES

There is growing awareness among professionals and stakeholders that legally enforced environmental thresholds of pollutants need to be integrated by ad hoc health risk and impact assessments in order to facilitate also a more transparent communication to concerned population. Although health issues are explicitly considered in some EU environmental procedures such as EIA , still there is a need of facilitating mechanisms aimed to provide operators data and methodological tools to support an Integrated Environmental and Health Risk and Impact Assessment to be developed in the environmental settings.

These Guidelines intend to be a first contribution to the operational needs of those who, in different settings, are active players in Environmental Impact Assessment (EIA), Strategic Environmental Assessment (SEA) and Integrated Environmental Permitting (IEP) procedures in the framework EU Integrated Pollution Prevention and Control (IPPC) Directive. Framework.

## WHO WILL NEED THE “VIAS” GUIDELINES

This guide is aimed to promote integration of health issues in the daily work of those called to propose or evaluate new plans, programmes and projects under the provisions of national and regional transpositions of EU EIA Directive 85/337/EEC (further amendments Dir. 2011/92/EU and 2014/52/EU) and SEA Directive 2001/42/EC and, as well, for operators involved in the authorization process under the permitting framework of IPPC Directive 96/61/EC ( amendments : Dir. 2008/1/CE and 2010/75/EU).

## WHEN TO APPLY THE “VIAS” GUIDELINES

### ENVIRONMENTAL ASSESSMENT PROCEDURES SETTINGS

#### EIA

##### Environmental Impact assessment

###### LEGISLATION

|     |                                                                                                    |
|-----|----------------------------------------------------------------------------------------------------|
| EU  | Directives 85/337/UE97/11/CE; 2011/92/UE,2014/52/UE                                                |
| ITA | D.P.C.M. n. 377 – august 10, 1988; D.P.C.M. 27 dic 1988;<br>Decree 152/2006; Law 221/2015 ( art 9) |

#### SEA

##### Strategic Environmental Assessment

###### LEGISLATION

|     |                      |
|-----|----------------------|
| EU  | Directive 2001/42/UE |
| ITA | Decree 152/2006      |

#### IEP & IPPC

##### Integrated Environmental Permit for industrial facilities in the IPPC framework

###### LEGISLATION

|     |                                                                                                        |
|-----|--------------------------------------------------------------------------------------------------------|
| EU  | IPPC Directive 96/61(CE); 2008/1/UE; 2010/75/UE                                                        |
| ITA | Decree n.59/2005 (IEP regulation); Decree 152/2006;<br>Regional Law Pulia n. 21/2012; Law n. 231/ 2012 |

## WHAT TO ASSESS WITH THE “VIAS” GUIDELINES

### EIA

Potential increase of **HEALTH RISKS** and changes in health status in resident population due to environmental impacts of **NEW PROJECT PROPOSAL**

**Focus:** vulnerable groups

### SEA

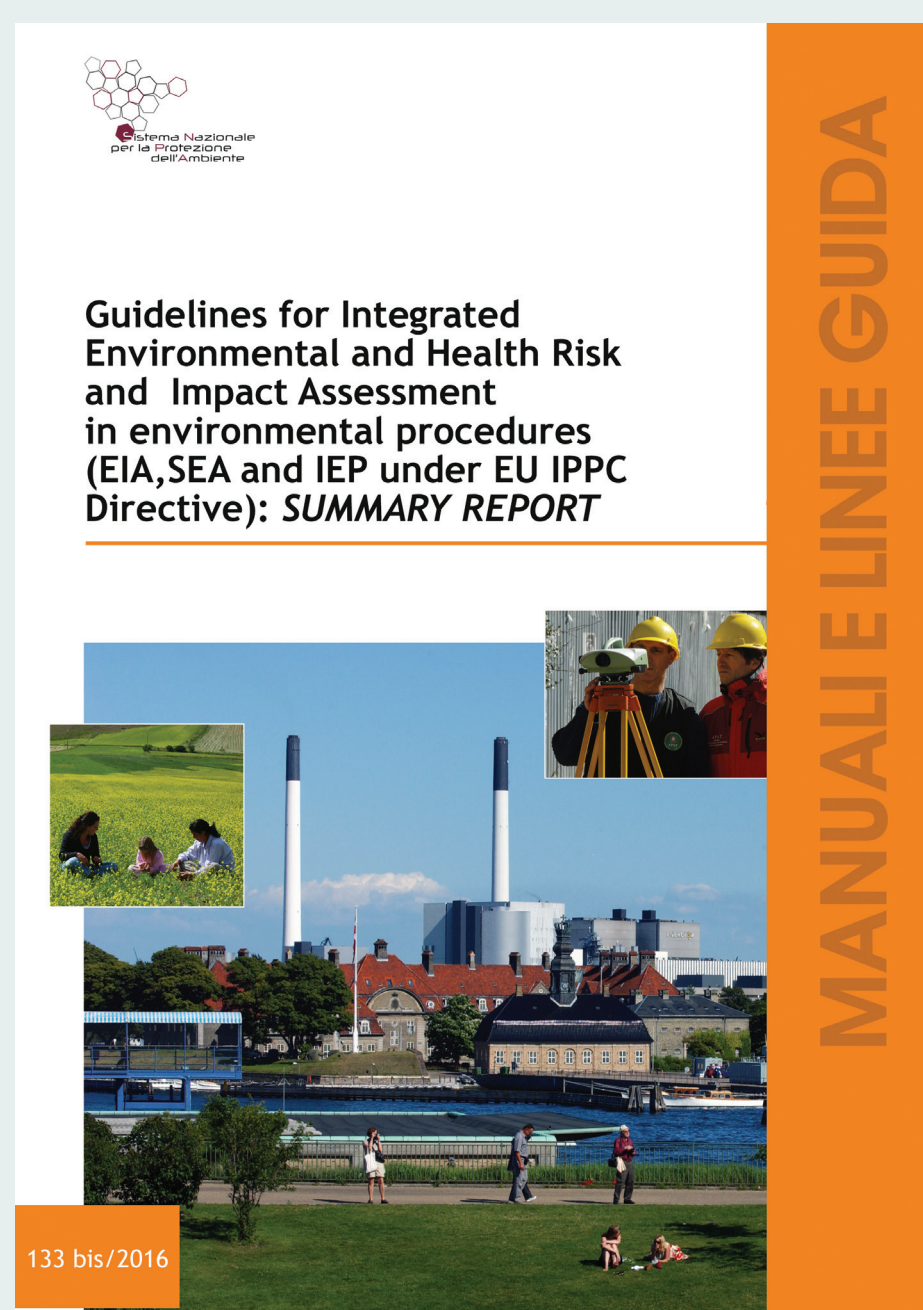
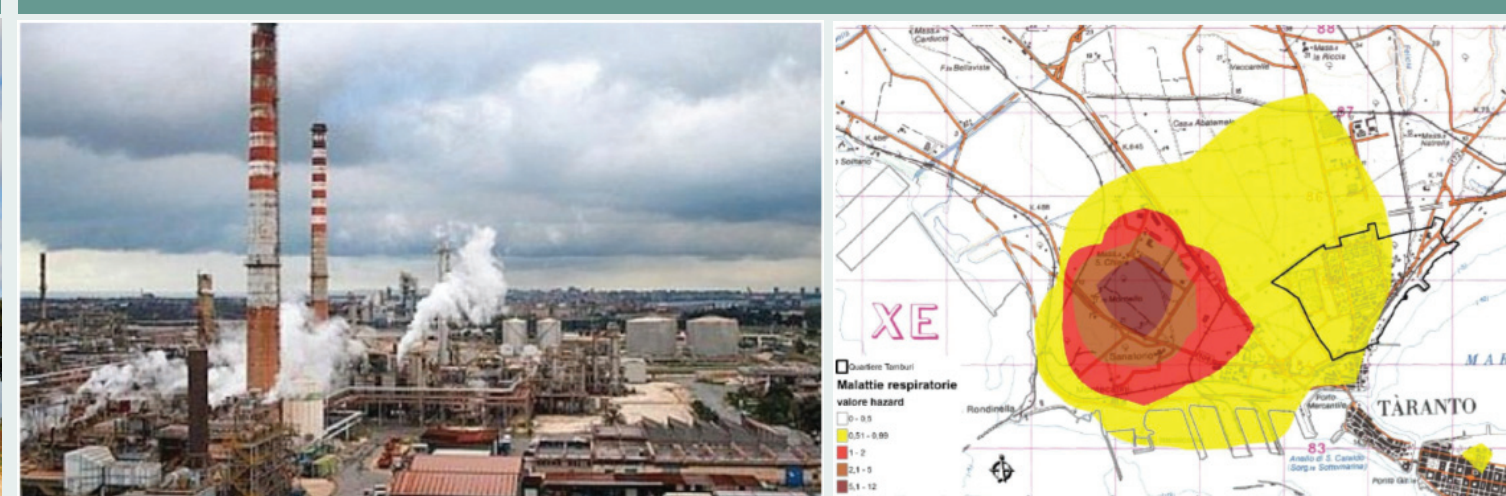
**HEALTH BENEFITS AND MITIGATION OF ENVIRONMENTAL HEALTH RISKS** for considered population (urban, local, regional or national according to plan/programme) of adopted measures in **NEW PLAN OR PROGRAMME PROPOSAL**

**Focus:** vulnerable groups

### IEP & IPPC

Potential increase of **HEALTH RISKS** and changes in health status of **RESIDENTS IN INDUSTRIAL AREAS** associated to environmental **IMPACT OF EMISSIONS** in the various stages of permitting procedures for single installation.

**Focus:** vulnerable groups



## ABOUT THE “VIAS” GUIDELINES...

VIAS is the Italian acronym for Integrated Environmental and Health Impacts Assessment. The Guidelines are the product of knowledge and practice developed over the years by the "Environment and Health" expert working group of the Italian National System of Environmental Protection Agencies (SNPA) in including health evaluation in the different settings of environmental assessment procedures.

...CO-BENEFITS..

Guidelines integrated approach will also foster other co-benefits such as promoting partnership among different stakeholders, facilitate resolution of potential conflicts, provide a crucial support for risk management options and info and communication

...NEXT STEPS

Future tasks of E&H SNPA work programme will include specific training of environment and/or health services operators, but also professionals involved in new projects and plans proposals and authorisation permits for industrial plants