

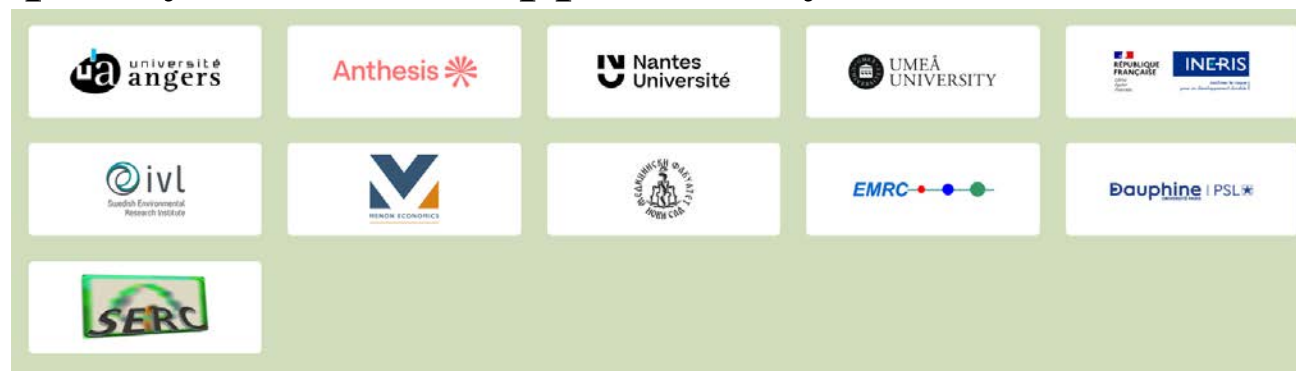
VALESOR – European project on methods for valuing health impacts

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Project specification

- EU Horizon & UK funded ~35 M€,
- Duration 2023 – 2025,
- Objectives :
 - Collect data on monetary value of health effects associated with chemical and air pollution,
 - Correspondingly update the ARP model,
 - Create an easily accessible online tool to enable easy use of monetary values for policy decision support analysis

- Partners :



Project activities

WP8 – Project management and communication

Methods advancement and input data

WP1 (State of the art)

- Policy drivers (T1.1)
- Health/Economic review (T1.2, T1.3, T1.5)
- Exposure data (T1.4)
- Identify gaps in knowledge/data (T1.6)

WP2 (Physical impacts)

- Exposure-Response functions guidance (T2.1)
- Health Impact Assessment (T2.2–T2.4)

WP3 (Economic valuation)

- Linking health endpoints to valuation (T3.1, T3.4)
- Valuing gains in wellbeing (T3.2–T3.3)
- Cost of illness values and Benefit transfer (T3.5)

VALESOR guidance and supporting tools

WP4 (Guidance and How-to documents)

- Health/Economic assessment (T4.1–T4.2)
- Treatment of gaps in knowledge/data (T4.3)
- Prospective scenarios and exposure data (T4.4)
- Stakeholder communications (T4.5)

WP5 (Supporting tools)

- Enhancements to ARP software (T5.1–T5.3)
- Integration of valuation methods (T5.4)
- Development of web-based tool (T5.5–T5.6)

Stakeholder outreach and case studies

WP6 (Outreach activities)

- Stakeholder exchanges (T6.1–T6.2, T6.4)
- Dissemination/Networking (T6.3)

WP7 (Case studies)

- Application of VALESOR framework (T7.1–T7.2)
- Sensitivity analysis, results interpretation (T7.3)
- Sharing lessons learnt (T7.4)

Feedback
loop

Current activities

- Review of relevant exposure data and of policy drivers,
- Review of health impacts of key concern,
- Review of economic costs of key concern,
- Guidance on modelling prerequisites,
- Economic valuation studies

The draft of the final tool

The screenshot displays the VALESOR online tool interface. The browser address bar shows 'VALESOR.EU' and 'www.valesor.eu'. The main title is 'VALESOR – Online tool for valuation of environmental stressors'. Navigation tabs include 'VALESOR tool', 'Guidance', 'ARP 2.0 info', 'References', and 'Project info'.

User choices (incl. default option)

- Select country ▼
- Select year ▼
- Select emission or concentration ▼
- Select environmental stressors
- Group available: EU Air, EU Chem
- Selected: PM2.5, PFAS
- Select valuation metric ▼
- Select discount rate ▼
- Select PV or annual value ▼

VALESOR output (incl. comparisons)

Marginal damage cost, €/kg
(EX: at 2010 prices for a discount rate of 4%)

Stressor	2030	2040	2050
PM2.5	~4.5	~4.5	~4.5
PFAS	~2.0	~2.0	~2.0
SO2	~0.5	~0.5	~0.5

QOL metric Sensitivity (index)

VOLY, V-QALY, VSL, V-DALY

Total value compared to country GDP for year x and VOLY

Stressor	Value
PM2.5	~1.5
PFAS	~0.5
oth	~0.5

EXAMPLE FOR ILLUSTRATIVE PURPOSE

Interested in being involved?

- Several expert workshops will be held, including workshops on design criteria for the online tool? How should the tool be designed to ensure usefulness for policy makers?
 - Please inform Stefan about your interest
- Academic outreach is planned
 - Policy session at the 29th Annual session of European Association of Environmental and Resource Economists, July 1-4, Leuven, Belgium
 - Session planned for the European Conference of the Society for Benefit-Cost Analysis, September 19-20, Warsaw, Poland

Want to know more?

– sign up

<https://valesor.eu/valesor/follow-the-project>

Thanks for your attention

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