

Form 2

Dioxins and Furans

**Send filled form to
UNEP Chemicals**

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<u>Country (or region)</u>	<u>Contact person</u>
Croatia	Jasenka Nežak State Directorate for the Protection of the Nature and Environment

**IMPORTANT: See instructions before filling
the form**

SECTION 1.	Yes <input checked="" type="checkbox"/>			
Have studies been undertaken to identify the major sources of dioxins/furans in your country?	No <input type="checkbox"/>			
<u>Comments:</u> Since 1993, the State Directorate for the Protection of the Nature and Environment (SDPNE) has been carrying out the annual inventory on emissions of air pollutants into the atmosphere, according to the methodology described by the European CORINAIR project. Major sources of dioxines and furans have been identified for the purpose of making the emission inventory.				
<u>Reference:</u> Emission Inventory of Air Pollutants in Republic of Croatia for 1996				
<u>Date:</u> February, 1998				
SECTION 2.				
POTENTIAL OR IDENTIFIED MAJOR SOURCES OF DIOXINS AND FURANS IN YOUR COUNTRY				
Sources	Quantity released per year	Relative importance Major/Minor	Alternative processes or techniques(e.g. cleaner technologies) known to you	Relative cost and effectiveness of the alternative techniques
Asphalt mixing installations	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
By-products of chlorinated substances manufacture	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Cable incineration	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Chemical industry	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		

Coal combustion	(PE) 0.036 gTEQ/ year	Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Contaminated pesticides	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Forest/grass fire	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Fuel combustion	(PE) 0.966 gTEQ/ year	Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
High temperature processes	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Wastes incineration	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Industrial processes	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Ironworks	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Landfill gas incineration	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Non-Fe metal industry oil combustion	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Other contaminated chemicals (e.g. PCBs)	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Pesticides	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Sintering processes	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Sludge incineration	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Steel industry	(PE) 1.7 gTEQ/ year	Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Traffic emissions	(PE) 0.21 gTEQ/ year	Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Transportation	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Waste incineration (Hazardous)	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Waste incineration (Municipal solid)	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Waste incineration (Medical solid)	(PE) 0.0016 gTEQ/ year	Major <input type="checkbox"/> Minor <input checked="" type="checkbox"/>		
Wood combustion	(PE) 92.568 gTEQ/ year	Major <input checked="" type="checkbox"/> Minor <input type="checkbox"/>		
Other: _____ _____		Major <input type="checkbox"/> Minor <input type="checkbox"/>		

SECTION 3. RELEASE MONITORING

	Monitoring type	Short description(add separate page if needed)
3.1	Ambient air Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.2	Ground water Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.3	Surface water Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.4	Point air Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.5	Point water Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.6	Soil Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.7	Ecosystem Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.8	Human Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.9	Agricultural commodity Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.10	Food products Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Comments:

Data Source:

SECTION 4. REGULATORY ACTIONS TAKEN TO CONTROL THE USE OF THE POP

	Action type to control the manufacture, importation, distribution in commerce, use or disposal	Short description (add separate page if needed)	Reference
4.1	Public health standards or regulations <input type="checkbox"/>		
4.2	Occupational standards or regulations <input type="checkbox"/>		
4.3	Environmental standards or regulations <input checked="" type="checkbox"/>	<ol style="list-style-type: none"> 1. The Act of Air Quality Protection(1995) 2. Ordinance on Recommended and Limit Ambient Quality Values(1996) 3. Rule Book of Environmental Pollutants Inventory (1996) 4. Ordinance on Pollutants Emission Limit Values from Stationary Sources (1997) 	
4.4	Guidance Document <input type="checkbox"/>		

4.5	Voluntary programme <input type="checkbox"/>		
4.6	Other (e.g., Governmental order) <input type="checkbox"/>		
4.7	No action <input type="checkbox"/>		
<u>Comments:</u>			
<u>Data Source:</u> State Directorate for the Protection of the Nature and Environment, Air Section			