

**ANEXE**✓ **Hărți dispersie rezultate din modelare*****Anexa 1. Dispersia poluanților aferentă lunii Martie 2019 pentru sursa S1:******Indicatori:***

*Oxizi de azot – NO<sub>x</sub> (exprimat în NO<sub>2</sub>) – timp de mediere 1h, 24 h;*

*Oxizi de Sulf – SO<sub>x</sub> (exprimat în SO<sub>2</sub>) – timp de mediere 1h, 24 h;*

*Monoxid de Carbon – CO – timp de mediere 8h;*

*Hidrogen Sulfurat - H<sub>2</sub>S – timp de mediere 1h, 24 h;*

*Pulberi totale – fracția PM10 – timp de mediere 24 h;*

*Compuși Organici Volatili Non-Metanici – COVNM (exprimați în COT) – timp de mediere 24 h.*

***Anexa 2. Dispersia poluanților aferentă lunii Octombrie 2019 pentru sursa S1:******Indicatori:***

*Oxizi de azot – NO<sub>x</sub> (exprimat în NO<sub>2</sub>) – timp de mediere 1h, 24 h;*

*Oxizi de Sulf – SO<sub>x</sub> (exprimat în SO<sub>2</sub>) – timp de mediere 1h, 24 h;*

*Monoxid de Carbon – CO – timp de mediere 8h;*

*Hidrogen Sulfurat - H<sub>2</sub>S – timp de mediere 1h, 24 h;*

*Pulberi totale – fracția PM10 – timp de mediere 24 h;*

*Compuși Organici Volatili Non-Metanici – COVNM (exprimați în COT) – timp de mediere 24 h.*

- ✓ Plan încadrare în zonă
- ✓ Plan de situație amplasament;
- ✓ Plan de situație cu poziționarea sursei de emisie;
- ✓ Buletine de analiză aferente lunii martie și octombrie 2019 privind monitorizarea factorilor de mediu aer (nivel emisii).

***Anexa 1. Dispersia poluanților aferentă lunii Martie 2019 pentru sursa S1:***

***Indicatori:***

*Oxizi de azot – NO<sub>x</sub> (exprimat în NO<sub>2</sub>) – timp de mediere 1h, 24 h;*

*Oxizi de Sulf – SO<sub>x</sub> (exprimat în SO<sub>2</sub>) – timp de mediere 1h, 24 h;*

*Monoxid de Carbon – CO – timp de mediere 8h;*

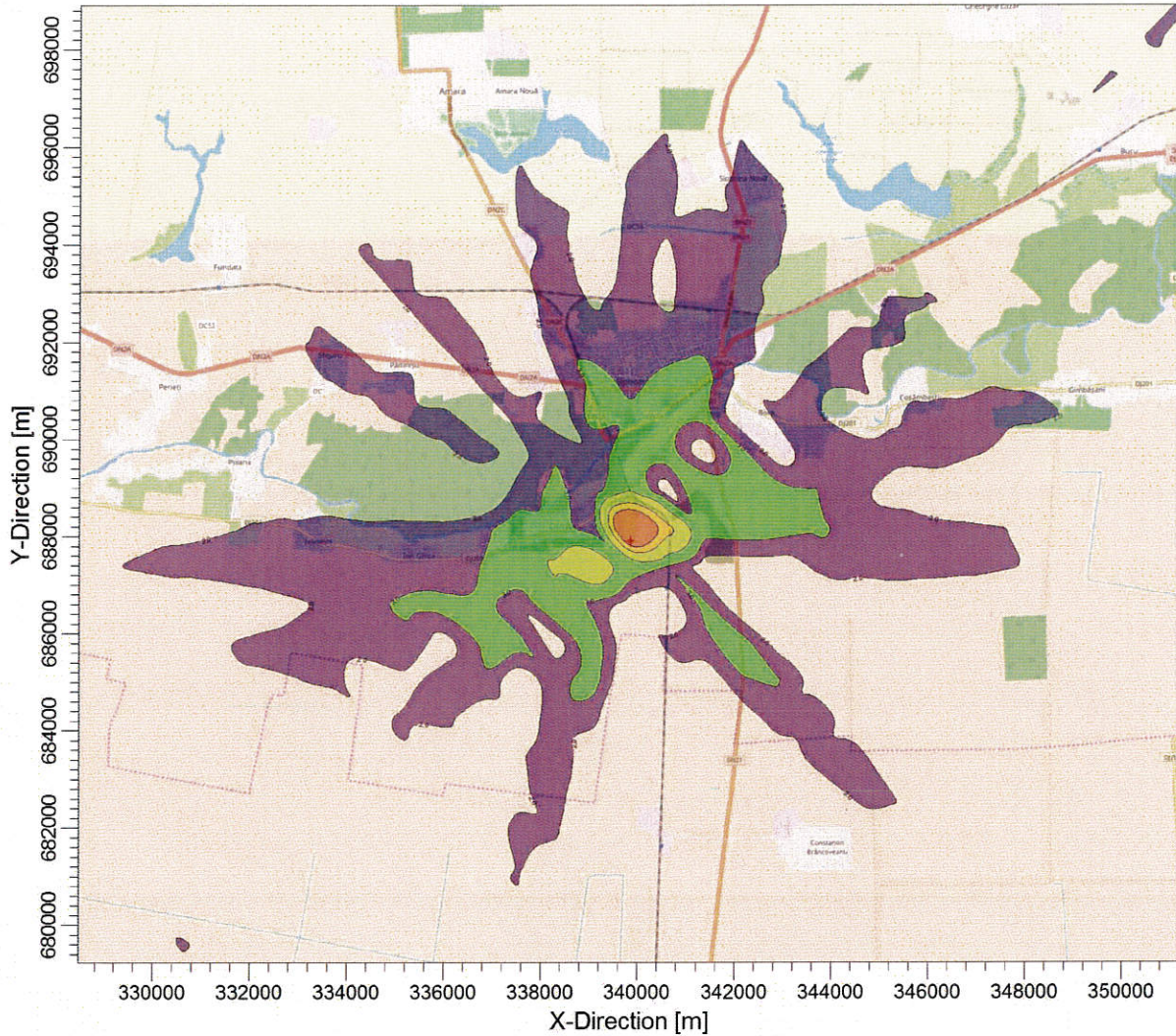
*Hidrogen Sulfurat - H<sub>2</sub>S – timp de mediere 1h, 24 h;*

*Pulberi totale – fracția PM10 – timp de mediere 24 h;*

*Compuși Organici Volatili Non-Metanici – COVNM (exprimați în COT) – timp de mediere 24 h.*

PROJECT TITLE:

**OXIZI DE AZOT - NOx ( exprimatî în NO2)  
Clean Tech International Ciulnița**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 16.0 [ug/m<sup>3</sup>] at (339844.51, 688150.30)



COMMENTS:

Sursa de emisie:  
- Cos evacuare oxidator termic

SOURCES:

**1**

COMPANY NAME:

**ECO SIMPLEX NOVA**

RECEPTORS:

**2500**

OUTPUT TYPE:

**Concentration**

SCALE:

1:143,089



MAX:

**16.0 ug/m<sup>3</sup>**

PROJECT NO.:

**2019**

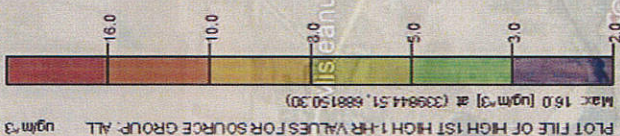


# Clean Tech International Ciulnita

Oxizi de azot - NOx ( exprimatii în NO2)

Sursa de emisii:

- Cos evacuare oxidator termic



Plot file of high 1st high 1-hr values for source group. All  
Max: 16.0 (µg/m³) at (339844.51, 688150.30)  
Units: µg/m³



5 km

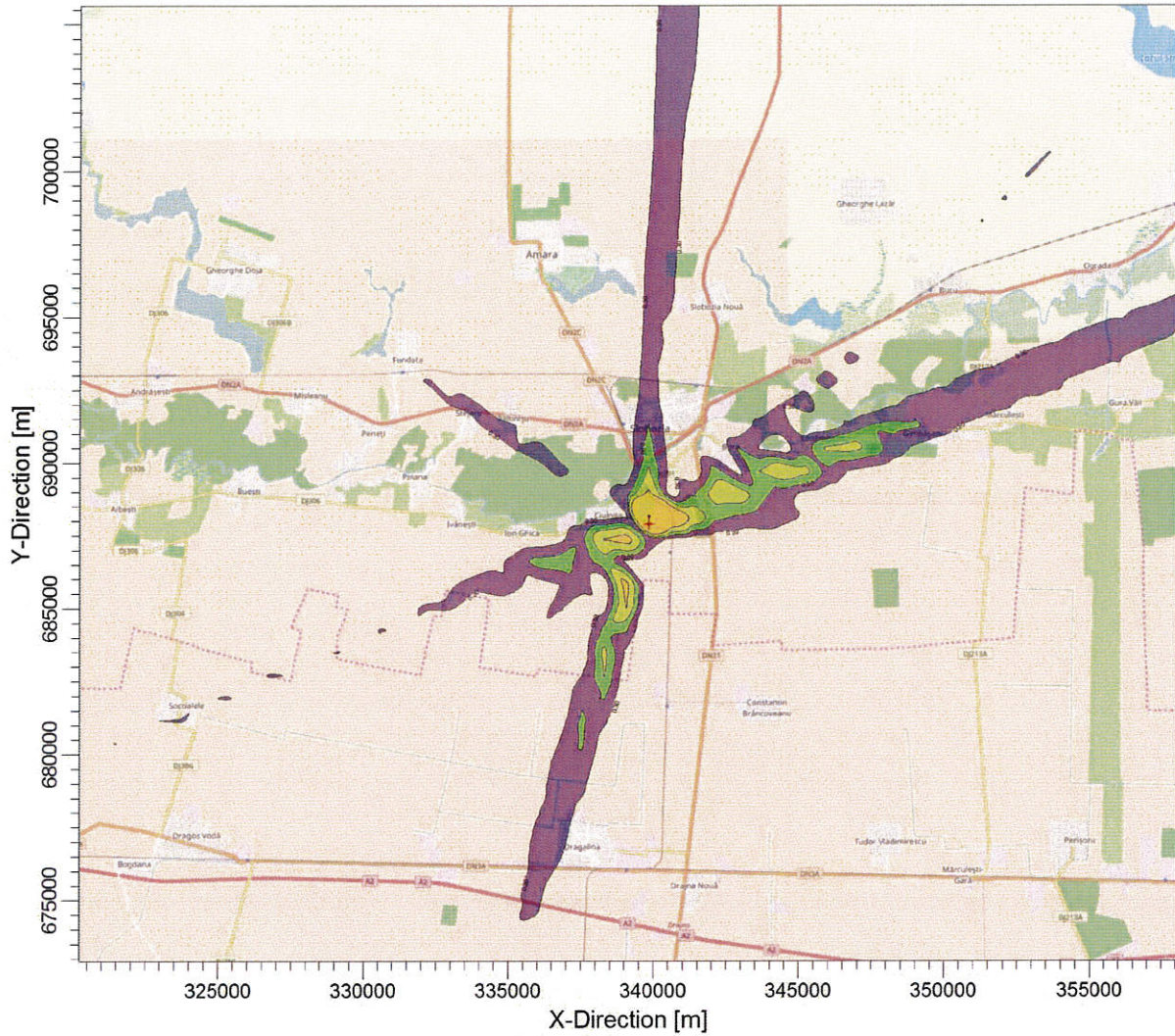
Google Earth

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PROJECT TITLE:

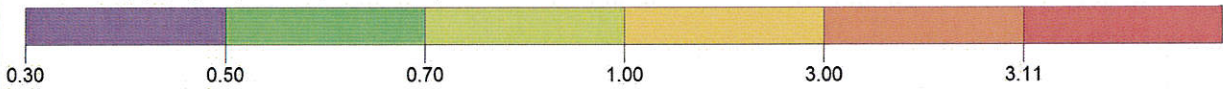
**OXIZI DE AZOT - NOx ( exprimate în NO2)  
Clean Tech International Ciulnița**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 3.11 [ug/m<sup>3</sup>] at (339844.51, 688150.30)



COMMENTS: Sursa de emisie: - Cos evacuare oxidator termic	SOURCES: <b>1</b>	COMPANY NAME: <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS: <b>2500</b>	SCALE: 1:237,984 0  5 km	
	OUTPUT TYPE: <b>Concentration</b>		
	MAX: <b>3.11 ug/m<sup>3</sup></b>	PROJECT NO.: <b>2019</b>	



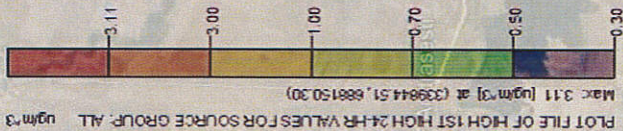


# Clean Tech International Ciulinita

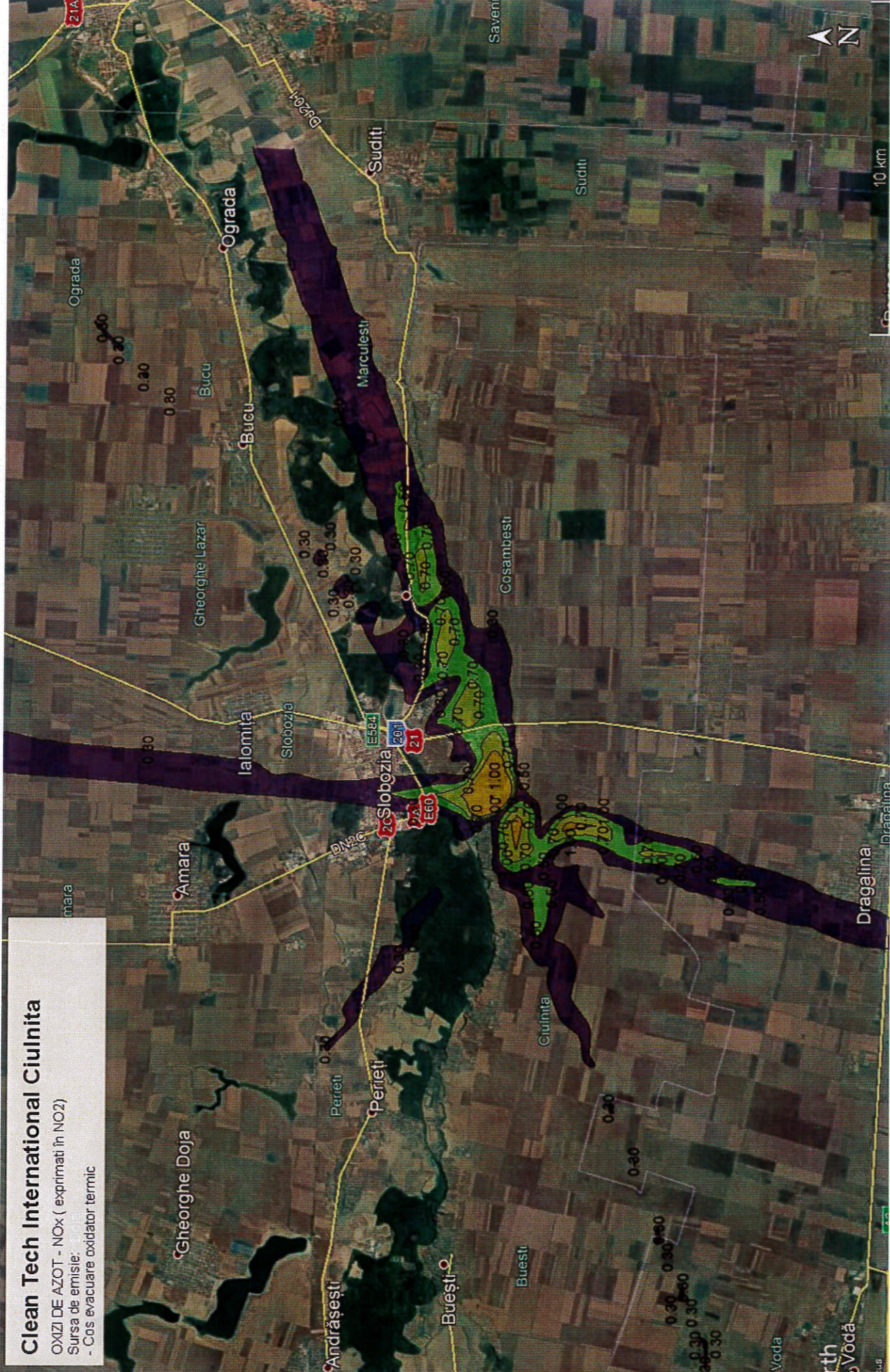
OXIZI DE AZOT - NOx ( exprimatii in NO2)

Sursa de emisie:

- Cos evacuare oxidator termic



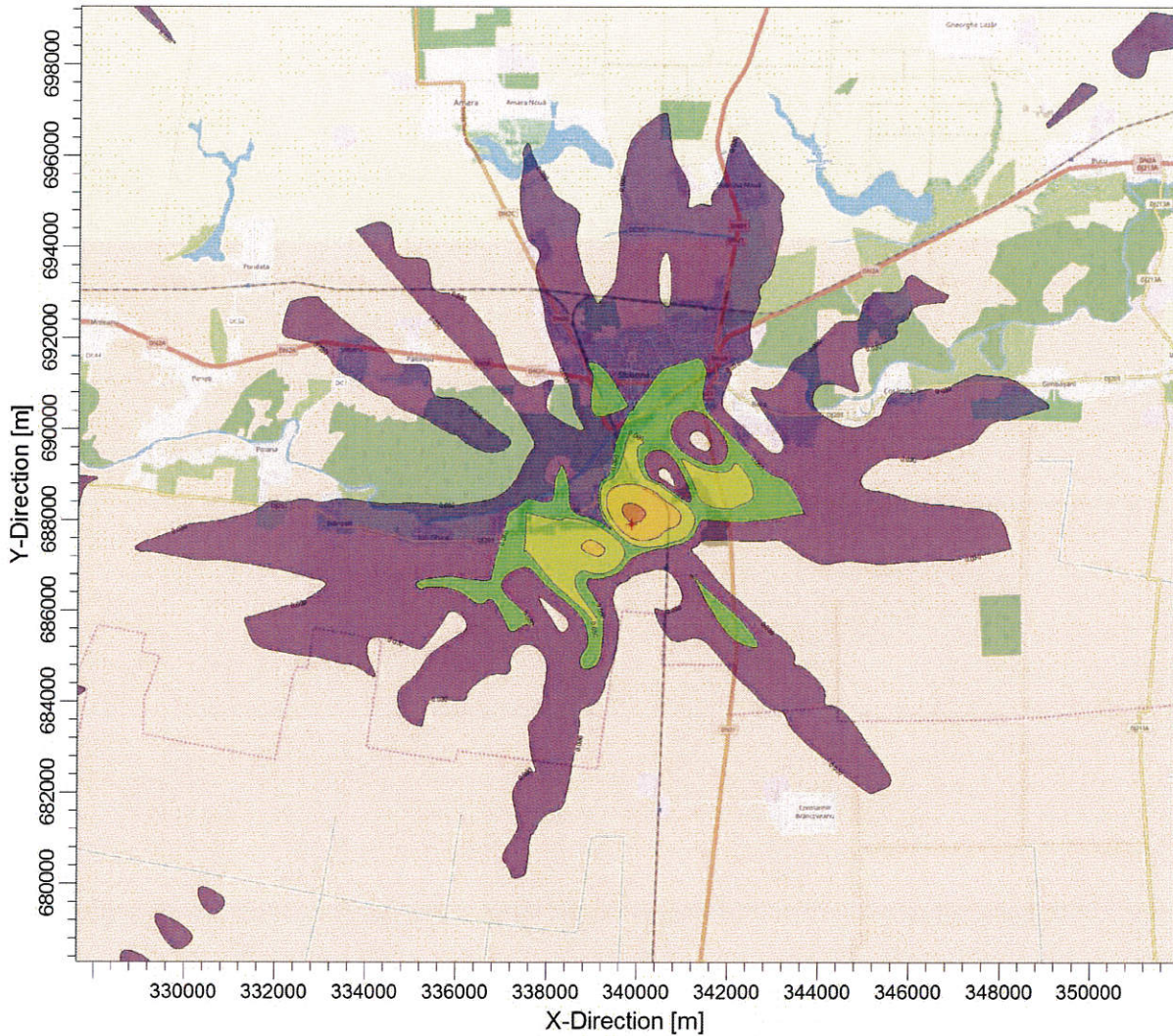
Plot file of high 1st high 24-hr values for source group. All units in µg/m³ at (339644.51, 688150.20)





PROJECT TITLE:

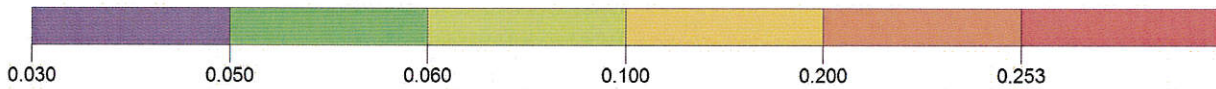
**Oxizi de sulf - SOx (exprimati in SO<sub>2</sub>)**  
**Clean Tech International Ciulnița**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 0.253 [ug/m<sup>3</sup>] at (339844.51, 688150.30)

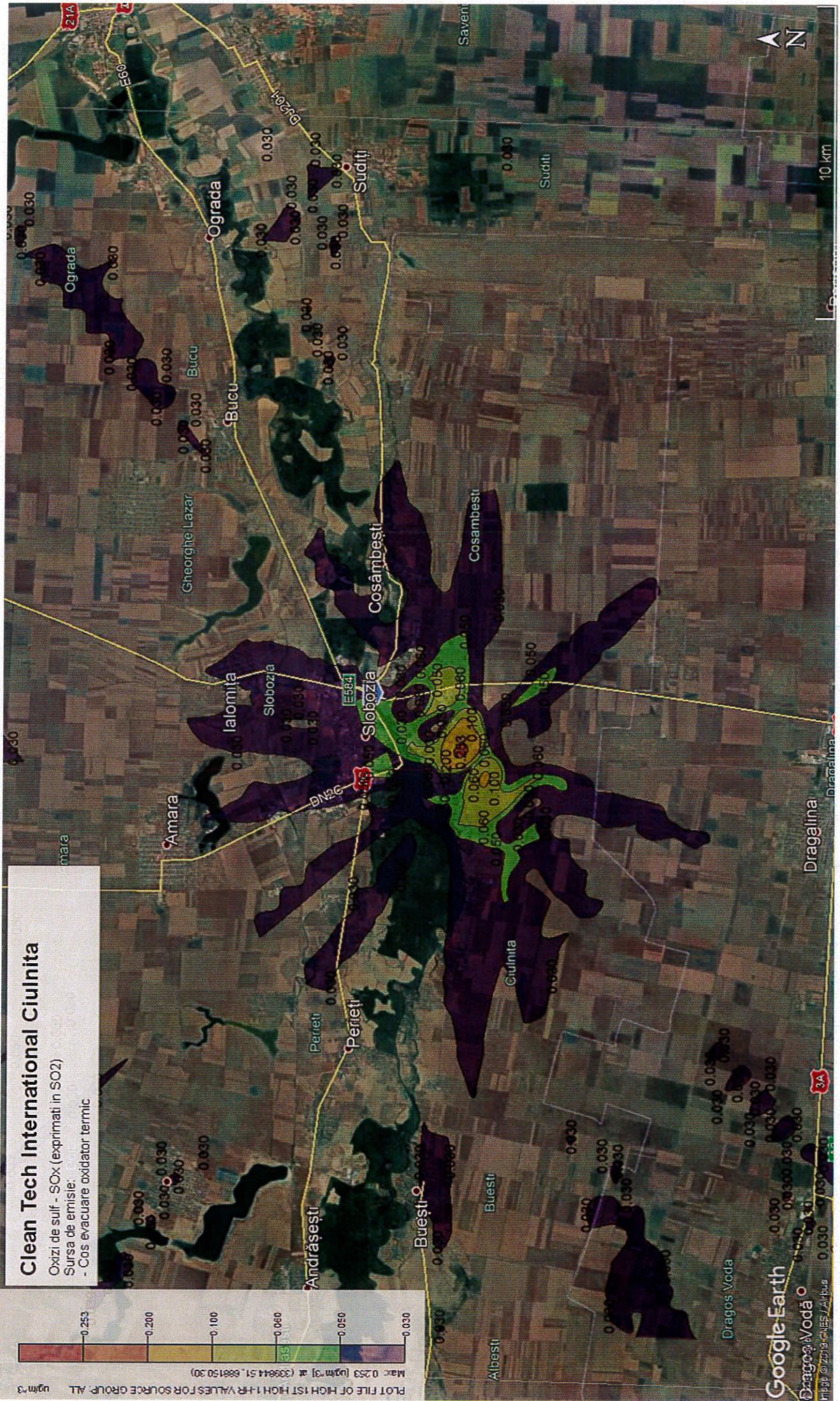
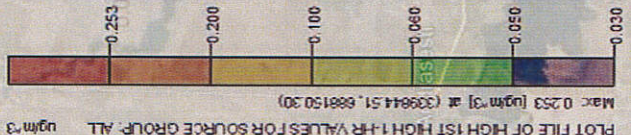


COMMENTS:  Sursa de emisie: - Cos evacuare oxidator termic	SOURCES:  <b>1</b>	COMPANY NAME:  <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS:  <b>2500</b>		
	OUTPUT TYPE:  <b>Concentration</b>		
	MAX:  <b>0.253 ug/m<sup>3</sup></b>	PROJECT NO.:  <b>2019</b>	



# Clean Tech International Ciulinita

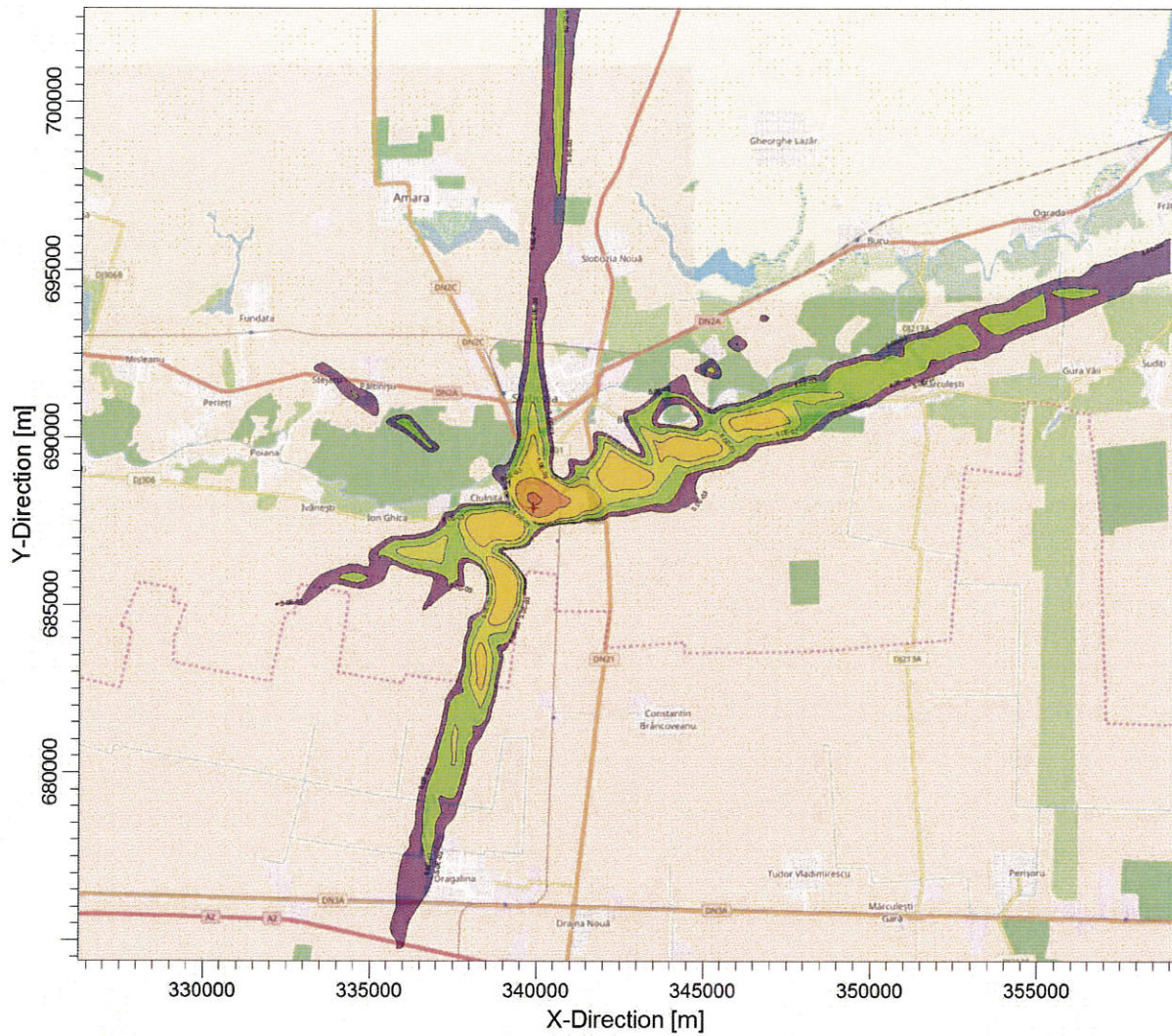
Oxizi de sulf - SOx (exprimati in SO2)  
Sursa de emisie:  
- Cos evacuare oxidator termic





PROJECT TITLE:

**Oxizi de sulf - SOx (exprimati in SO2)**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 4.9E-02 [ug/m<sup>3</sup>] at (339844.51, 688150.30)



<p>COMMENTS:</p> <p>Sursa de emisie: - Cos evacuare oxidator termic</p>	<p>SOURCES:</p> <p><b>1</b></p>	<p>COMPANY NAME:</p> <p><b>ECO SIMPLEX NOVA</b></p>	
	<p>RECEPTORS:</p> <p><b>2500</b></p>	<p>SCALE: 1:206,555</p>	
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>		
	<p>MAX:</p> <p><b>4.9E-02 ug/m<sup>3</sup></b></p>	<p>PROJECT NO.:</p> <p><b>2019</b></p>	



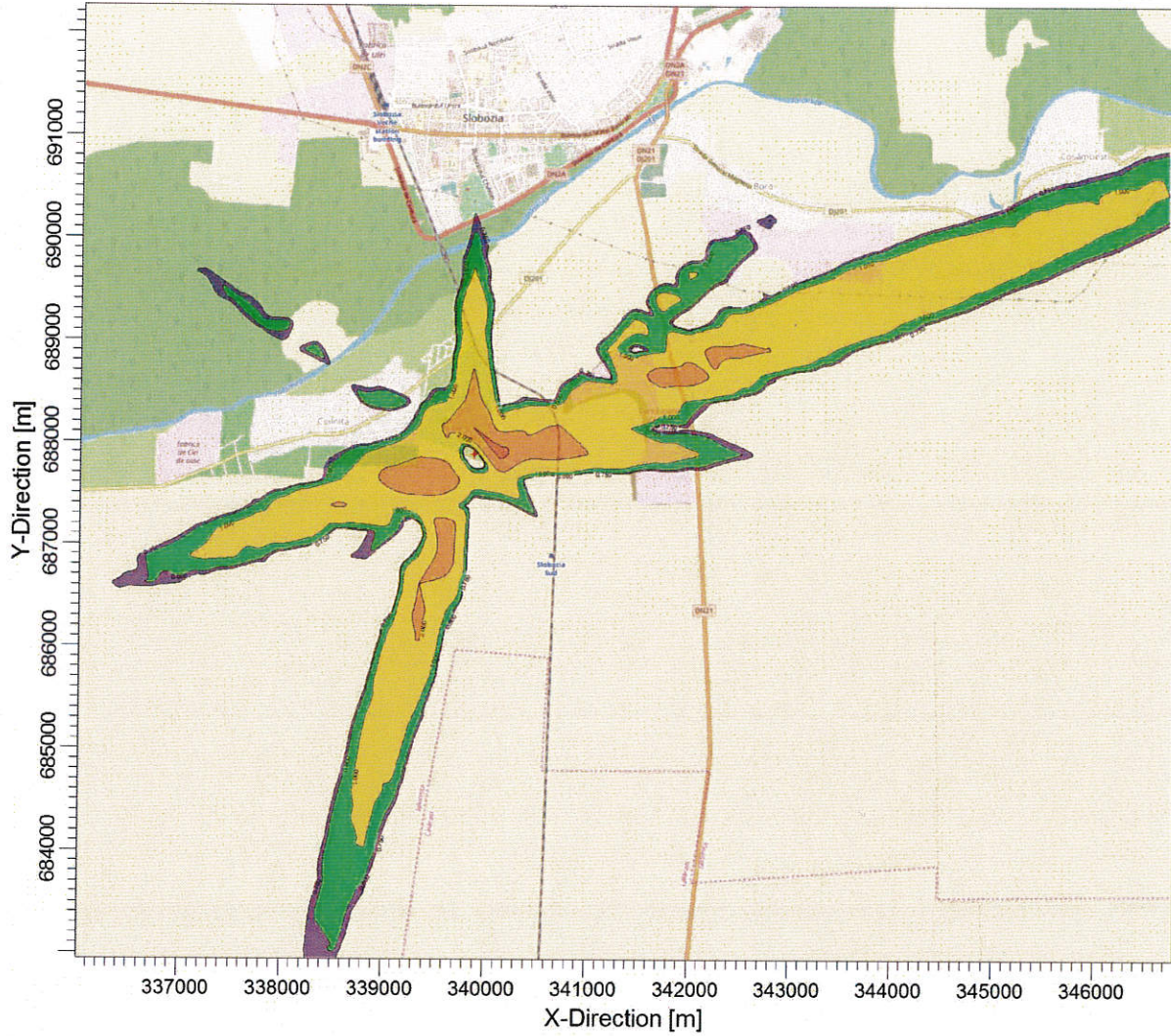






PROJECT TITLE:

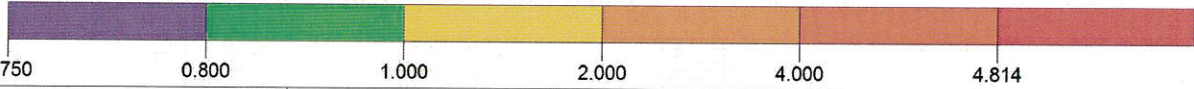
**Monoxid de carbon - CO**  
**Clean Tech International Ciulnita**




PLOT FILE OF HIGH 1ST HIGH 8-HR VALUES FOR SOURCE GROUP: ALL

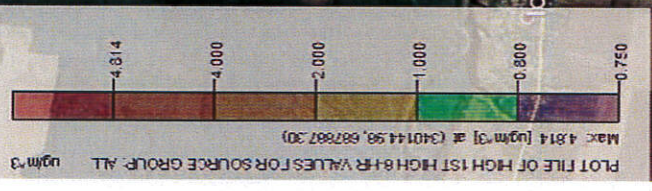
ug/m<sup>3</sup>

Max: 4.814 [ug/m<sup>3</sup>] at (340144.98, 687887.30)

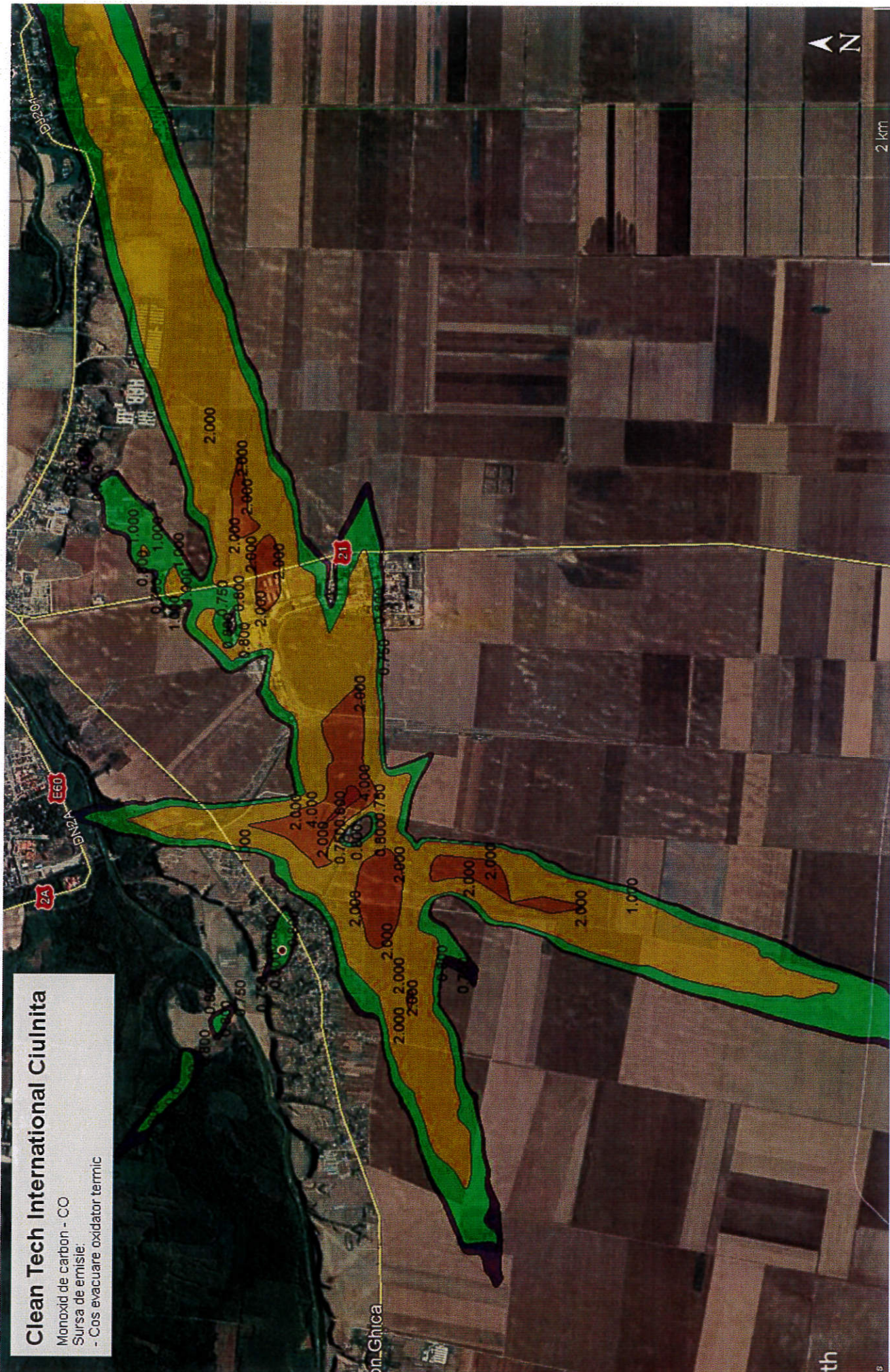


COMMENTS: Sursa de emisie: - Cos evacuare oxidator termic	SOURCES: <b>1</b>	COMPANY NAME: <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS: <b>2500</b>		
	OUTPUT TYPE: <b>Concentration</b>		
	MAX: <b>4.814 ug/m<sup>3</sup></b>	PROJECT NO.: <b>2019</b>	





**Clean Tech International Ciulnita**  
 Monoxid de carbon - CO  
 Sursa de emisie:  
 - Cos evacuare oxidator termic



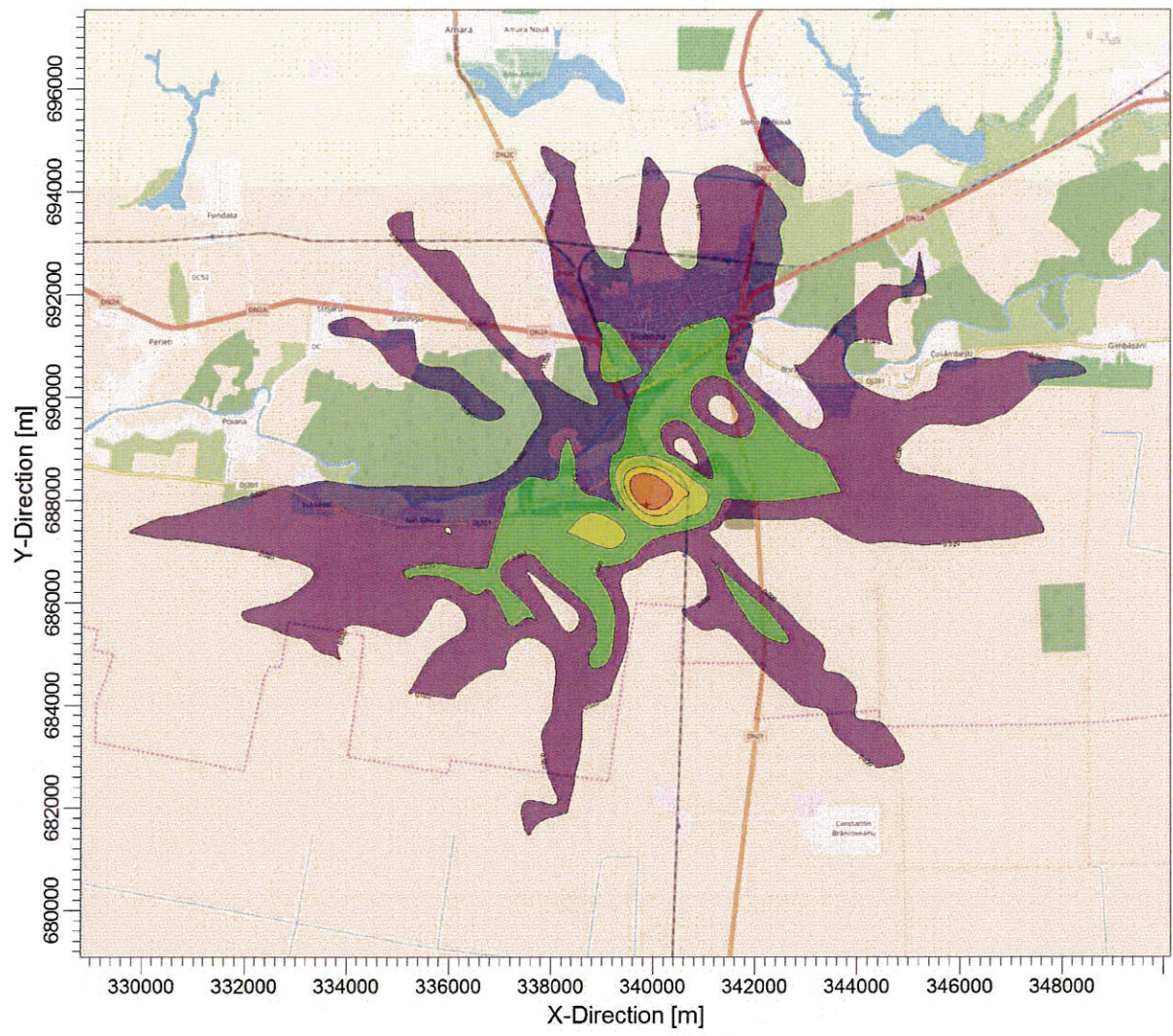
2 km

Google Earth

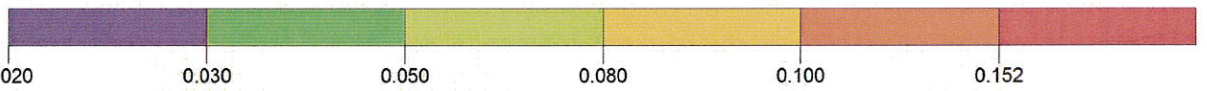
© 2019 Google  
 Image © 2019 CNES / Airbus



PROJECT TITLE:  
**HIDROGEN SULFURAT - H2S**  
**Clean Tech International Ciulnita**

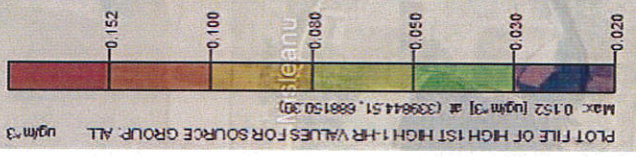


PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL ug/m<sup>3</sup>  
 Max: 0.152 [ug/m<sup>3</sup>] at (339844.51, 688150.30)

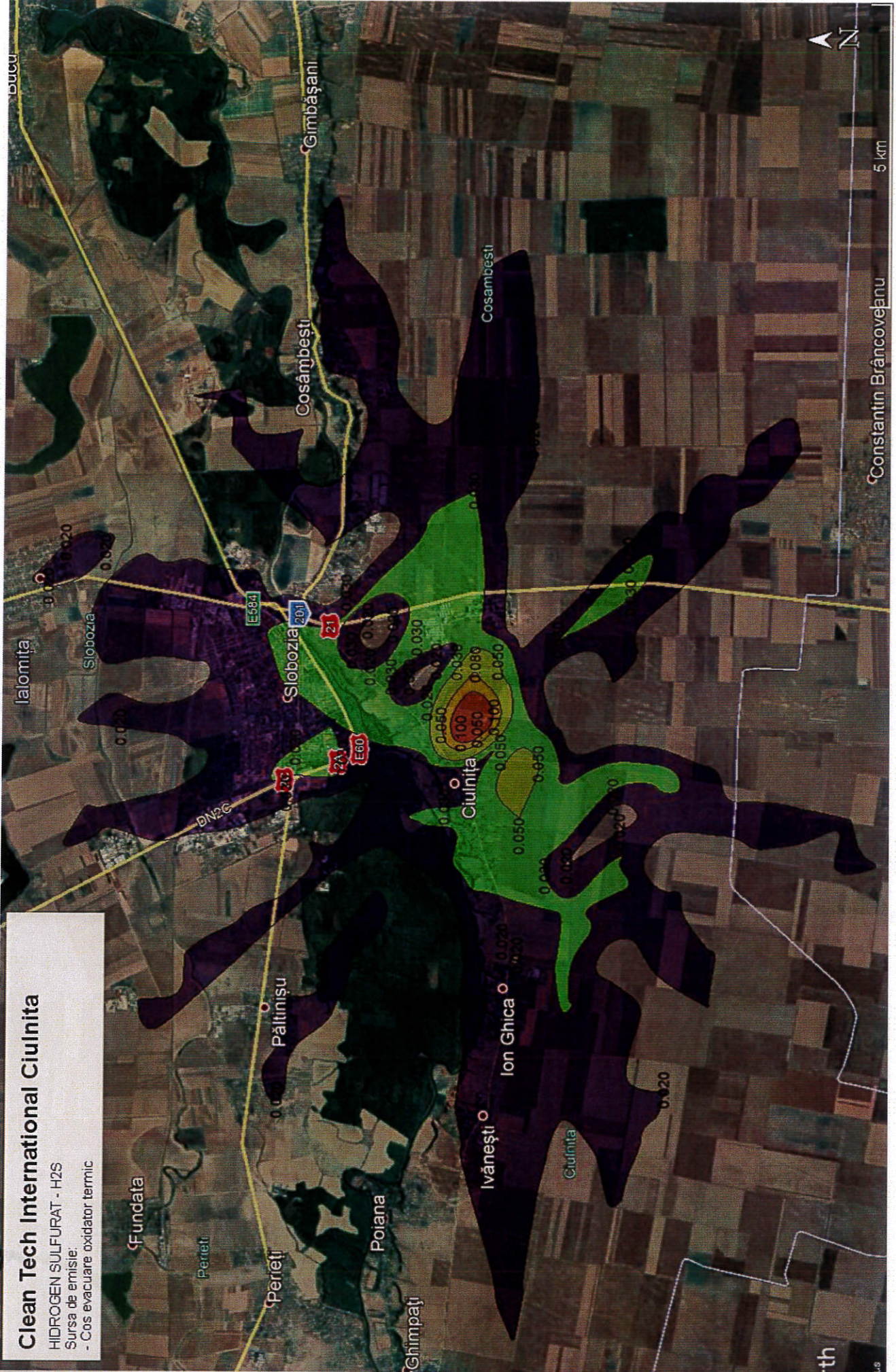


COMMENTS:  Sursa de emisie: - Cos evacuaire oxidator termic	SOURCES:  <b>1</b>	COMPANY NAME:  <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS:  <b>2500</b>	SCALE: <span style="float: right;">1:134,123</span> 0  5 km	
	OUTPUT TYPE:  <b>Concentration</b>		
	MAX:  <b>0.152 ug/m<sup>3</sup></b>	PROJECT NO.:  <b>2019</b>	





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 HIDROGEN SULFURAT - H2S  
 Sursa de emisie:  
 - Cos evacuare oxidator termic



Constantin Brâncoveanu 5 km

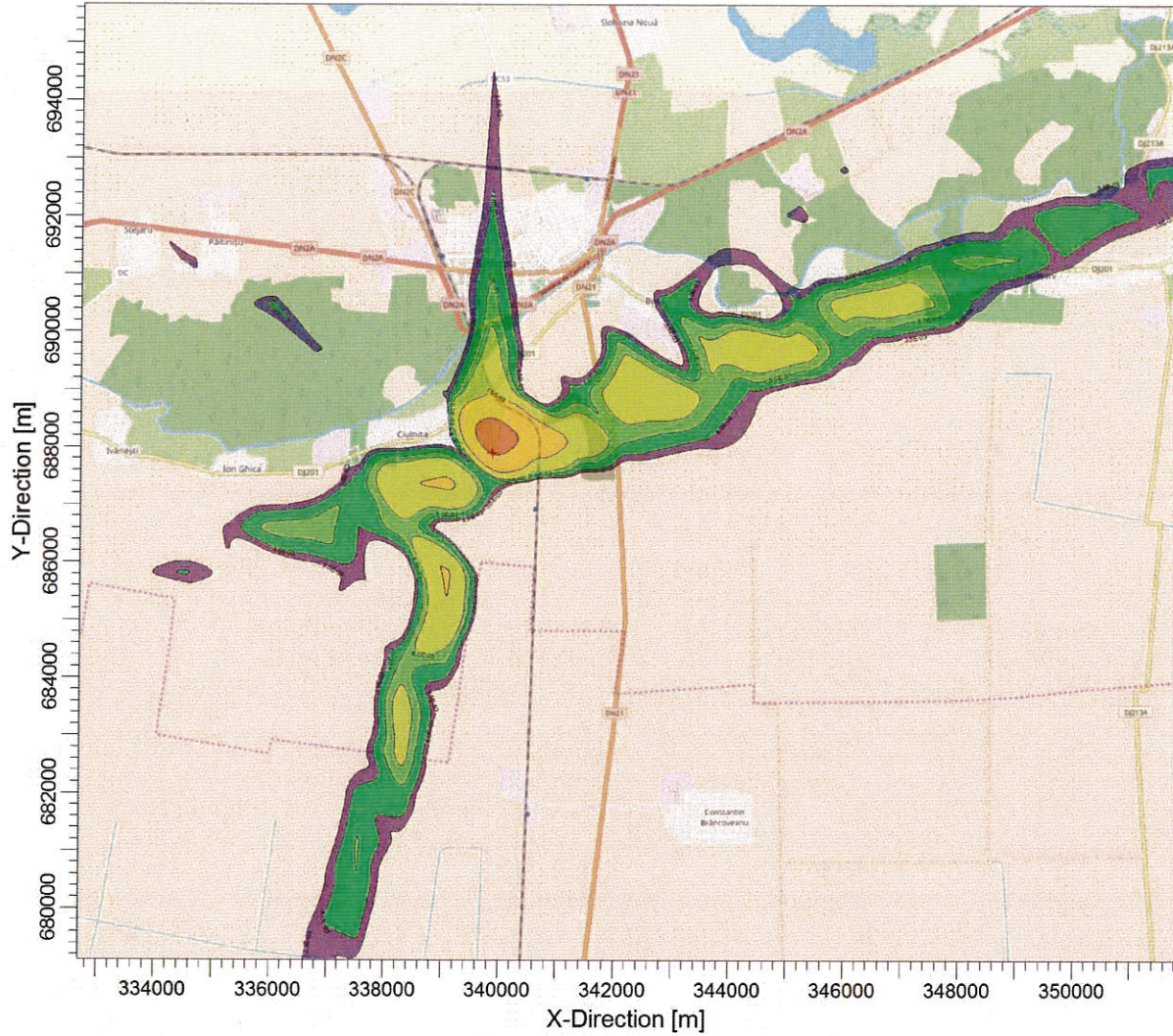
Google Earth

© 2018 Google  
 Image © 2018 CHES / Airbus



PROJECT TITLE:

**HIDROGEN SULFURAT - H2S**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 2.9E-02 [ug/m<sup>3</sup>] at (339844.51, 688150.30)



COMMENTS:

Sursa de emisie:  
 - Cos evacuare oxidator termic

SOURCES:

**1**

COMPANY NAME:

**ECO SIMPLEX NOVA**

RECEPTORS:

**2500**

OUTPUT TYPE:

**Concentration**

SCALE:

1:120,347



MAX:

**2.9E-02 ug/m<sup>3</sup>**



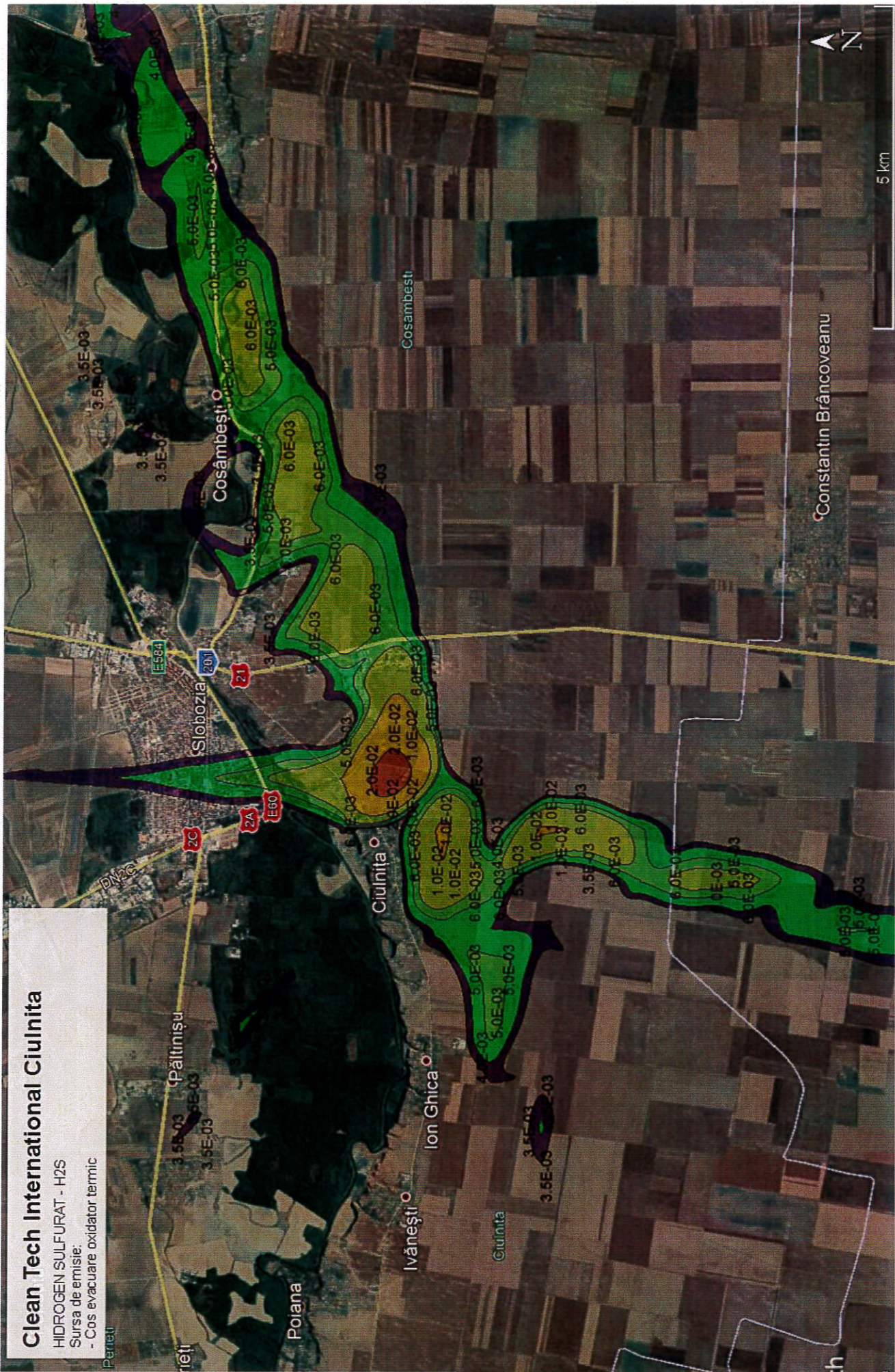
PROJECT NO.:

**2019**



PLT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP ALL ug/m<sup>3</sup>  
 Max: 2.9E-02 [ug/m<sup>3</sup>] at (339644.51, 688150.20)  
 2.9E-02  
 2.0E-02  
 1.0E-02  
 6.0E-03  
 5.0E-03  
 4.0E-03  
 3.5E-03

**Clean Tech International Ciulnita**  
 HIDROGEN SULFURAT - H2S  
 Sursa de emisie:  
 - Cos evacuare oxidator termic



Constantin Brâncoveanu



5 km

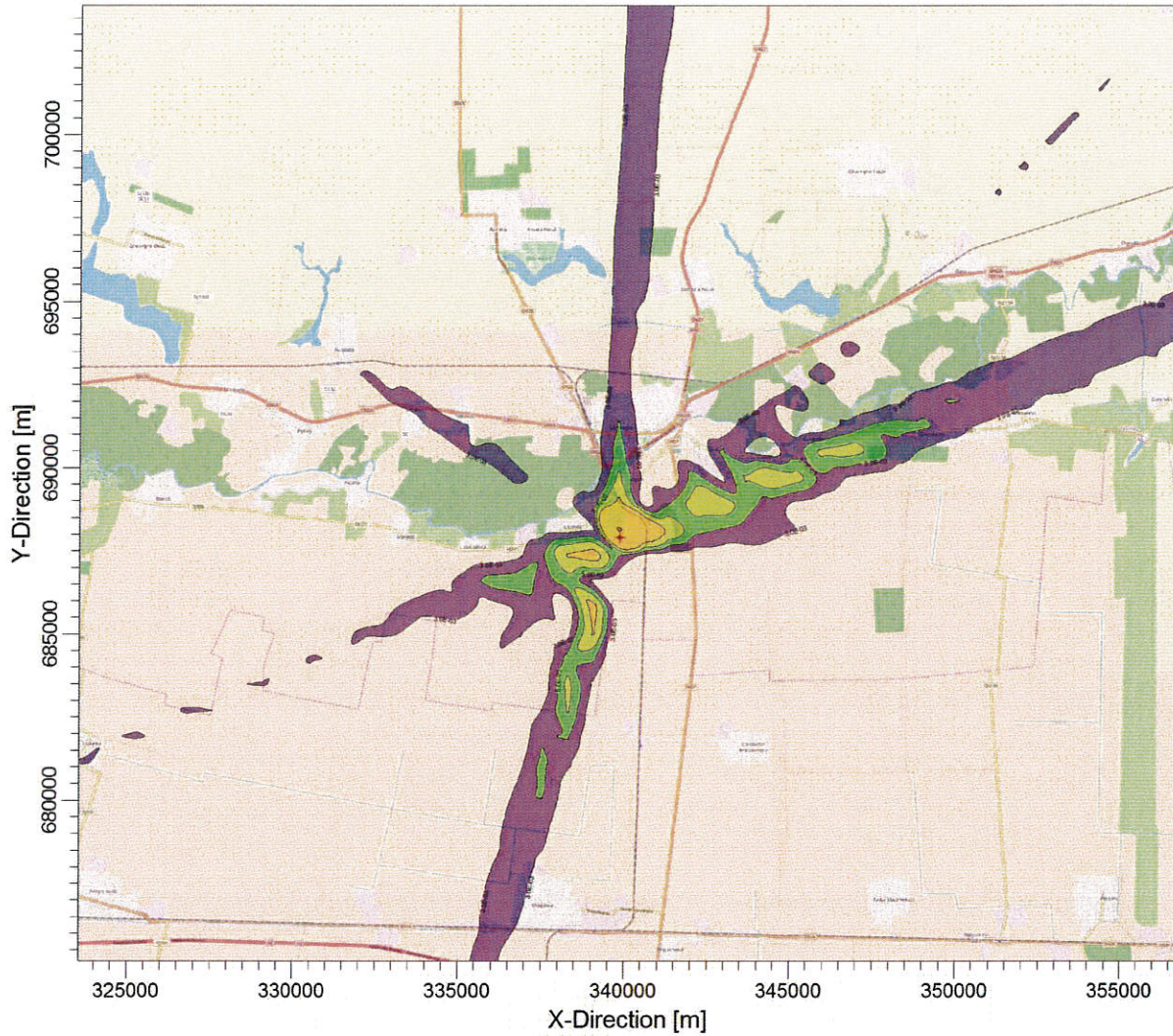
Google Earth

© 2016 Google  
 Image © 2016 CNES / Airbus



PROJECT TITLE:

**Pulberi in suspensie - PM10**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 3.2E-02 [ug/m<sup>3</sup>] at (339844.51, 688150.30)

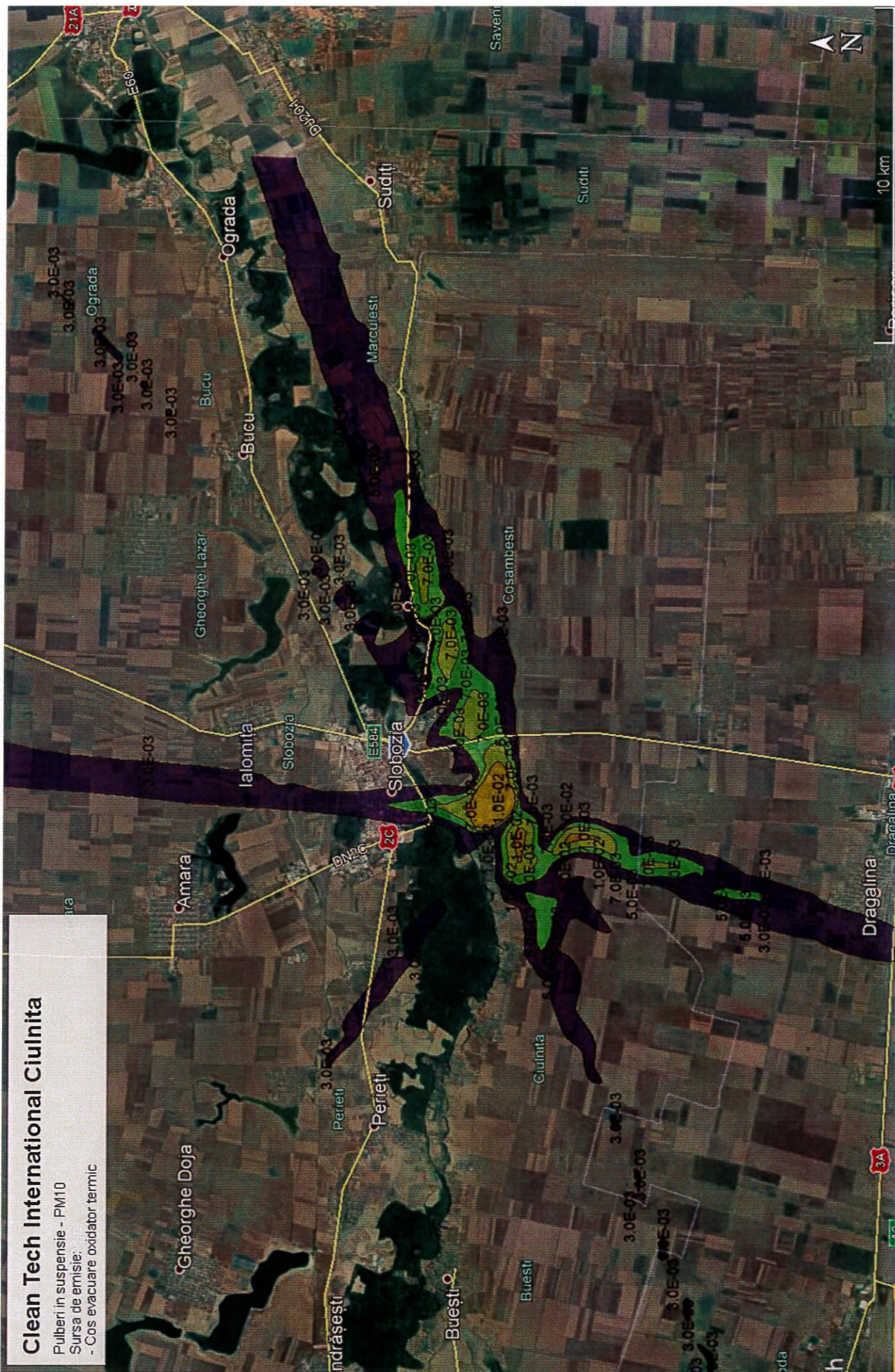


<p>COMMENTS:</p> <p>Sursa de emisie: - Cos evacuare oxidator termic</p>	<p>SOURCES:</p> <p><b>1</b></p>	<p>COMPANY NAME:</p> <p><b>ECO SIMPLEX NOVA</b></p>	
	<p>RECEPTORS:</p> <p><b>2500</b></p>		
	<p>OUTPUT TYPE:</p> <p><b>Concentration</b></p>		
	<p>MAX:</p> <p><b>3.2E-02 ug/m<sup>3</sup></b></p>	<p>PROJECT NO.:</p> <p><b>2019</b></p>	



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP. ALL  
 Max: 3.2E-02 (ug/m<sup>3</sup>) at (-339844.51, 686150.20)  
 3.2E-02  
 3.0E-02  
 1.0E-02  
 7.0E-03  
 5.0E-03  
 3.0E-03

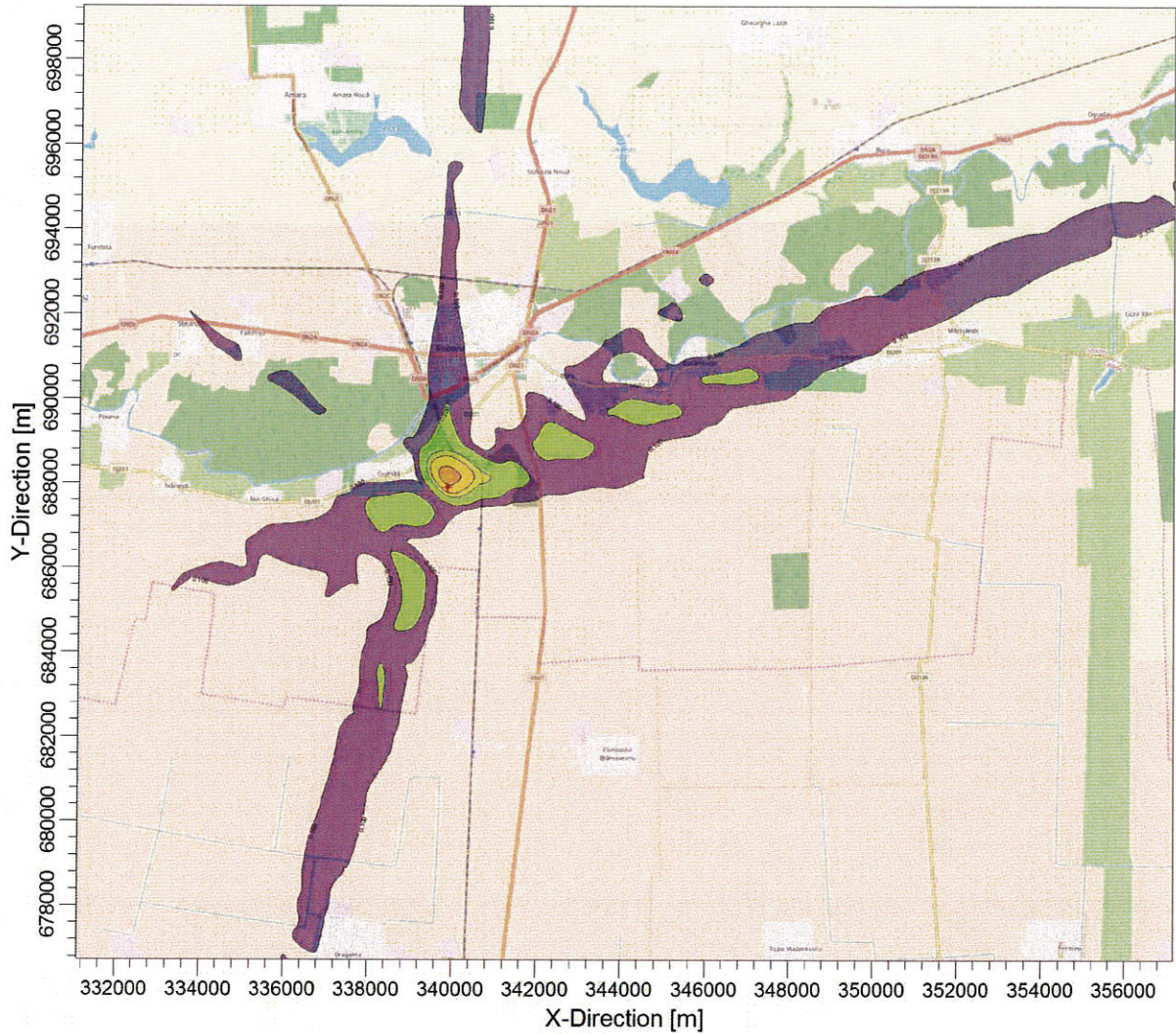
**Clean Tech International Ciulnita**  
 Pulberi in suspensie - PM10  
 Sursa de emisie:  
 - Cos evacuare oxidator termic





PROJECT TITLE:

**COMPUSI ORGANICI VOLATILI NON-METANICI - NMVOC**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

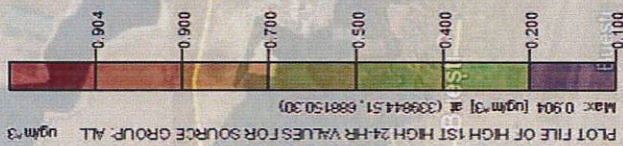
ug/m<sup>3</sup>

Max: 0.904 [ug/m<sup>3</sup>] at (339844.51, 688150.30)

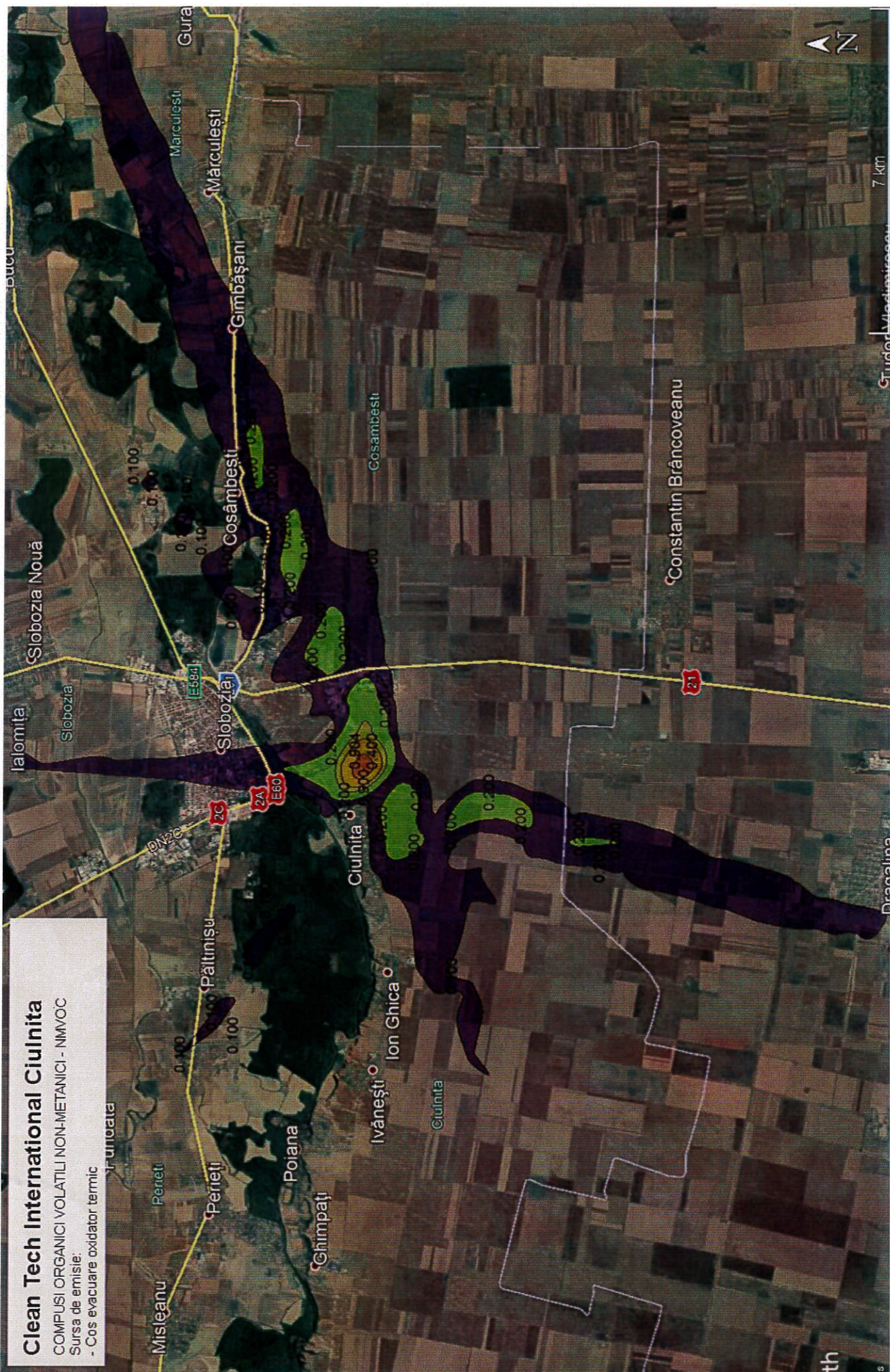


COMMENTS: Sursa de emisie: - Cos evacuare oxidator termic	SOURCES: <b>1</b>	COMPANY NAME: <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS: <b>2500</b>		
	OUTPUT TYPE: <b>Concentration</b>		
	MAX: <b>0.904 ug/m<sup>3</sup></b>	PROJECT NO.: <b>2019</b>	





**Clean Tech International Ciulinita**  
 COMPUSI ORGANICI VOLATILI NON-METANICI - NMVOC  
 Sursa de emisii:  
 - Cos evacuare oxidator termic





***Anexa 2. Dispersia poluanților aferentă lunii Octombrie 2019 pentru sursa S1:***

***Indicatori:***

*Oxizi de azot – NO<sub>x</sub> (exprimat în NO<sub>2</sub>) – timp de mediere 1h, 24 h;*

*Oxizi de Sulf – SO<sub>x</sub> (exprimat în SO<sub>2</sub>) – timp de mediere 1h, 24 h;*

*Monoxid de Carbon – CO – timp de mediere 8h;*

*Hidrogen Sulfurat - H<sub>2</sub>S – timp de mediere 1h, 24 h;*

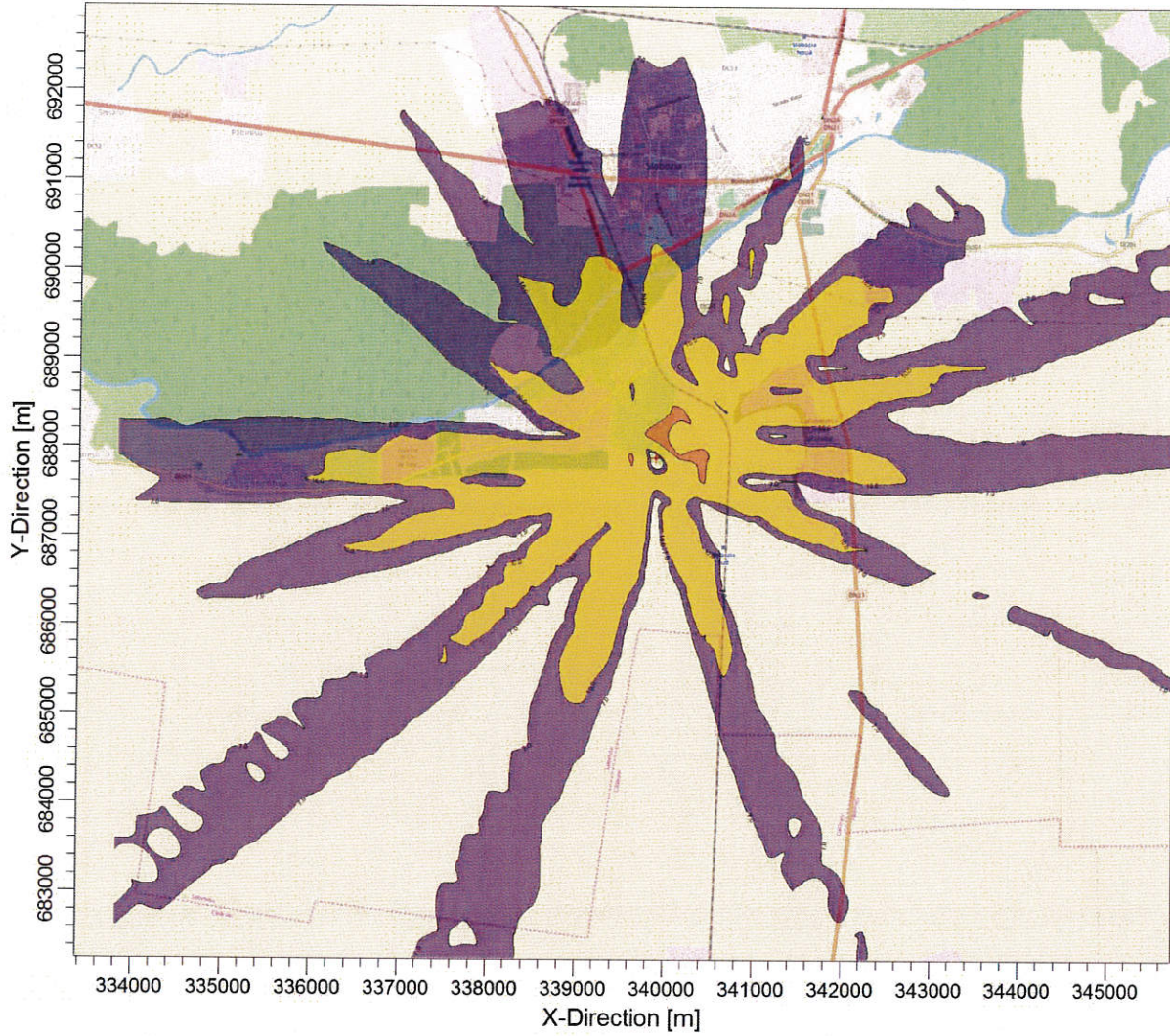
*Pulberi totale – fracția PM10 – timp de mediere 24 h;*

*Compuși Organici Volatili Non-Metanici – COVNM (exprimați în COT) – timp de mediere 24 h.*



PROJECT TITLE:

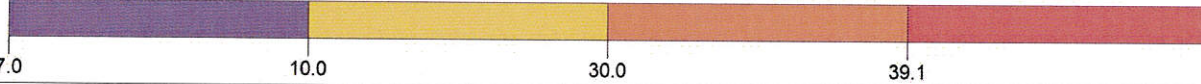
**OXIZI DE AZOT - NOx ( exprimati in NO2)**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

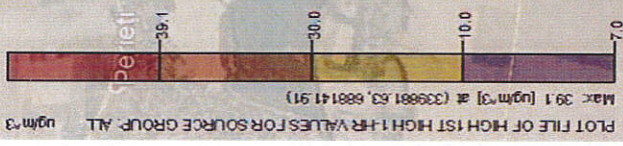
ug/m<sup>3</sup>

Max: 39.1 [ug/m<sup>3</sup>] at (339881.63, 688141.91)



COMMENTS: Sursa de emisie: - Cos evacuaire oxidator termic	SOURCES: <b>1</b>	COMPANY NAME: <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS: <b>2500</b>		
	OUTPUT TYPE: <b>Concentration</b>		
	MAX: <b>39.1 ug/m<sup>3</sup></b>	SCALE: 1:77,717 	PROJECT NO.: <b>2019</b>





### Clean Tech International Ciulnita

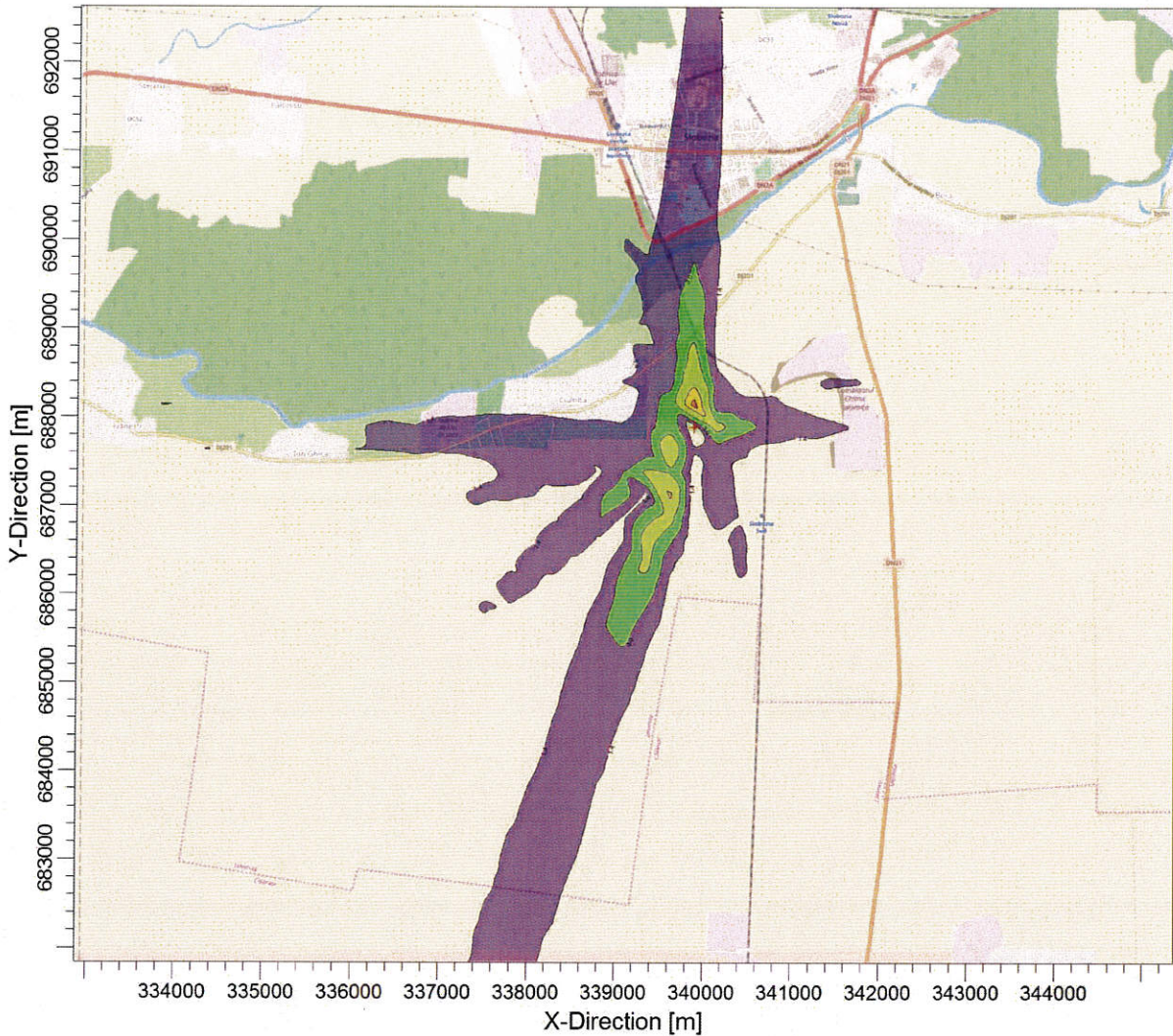
OXIZI DE AZOT - NOx ( exprimatii in NO2)  
 Sursa de emisii:  
 - Cos evacuare oxidator termic





PROJECT TITLE:

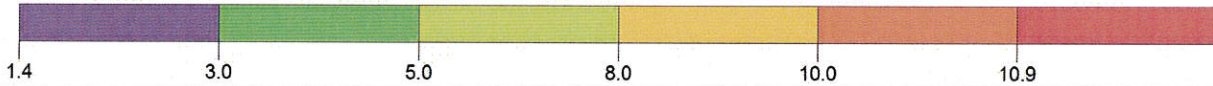
**OXIZI DE AZOT - NOx ( exprimat în NO2)**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 10.9 [ug/m<sup>3</sup>] at (339881.63, 688141.91)



COMMENTS:

Sursa de emisie:  
 - Cos evacuare oxidator termic

SOURCES:

**1**

COMPANY NAME:

**ECO SIMPLEX NOVA**

RECEPTORS:

**2500**

OUTPUT TYPE:  
**Concentration**

SCALE: 1:78,435

0 3 km

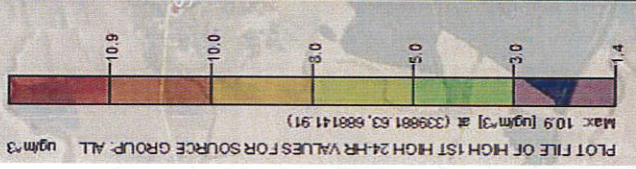


MAX:  
**10.9 ug/m<sup>3</sup>**

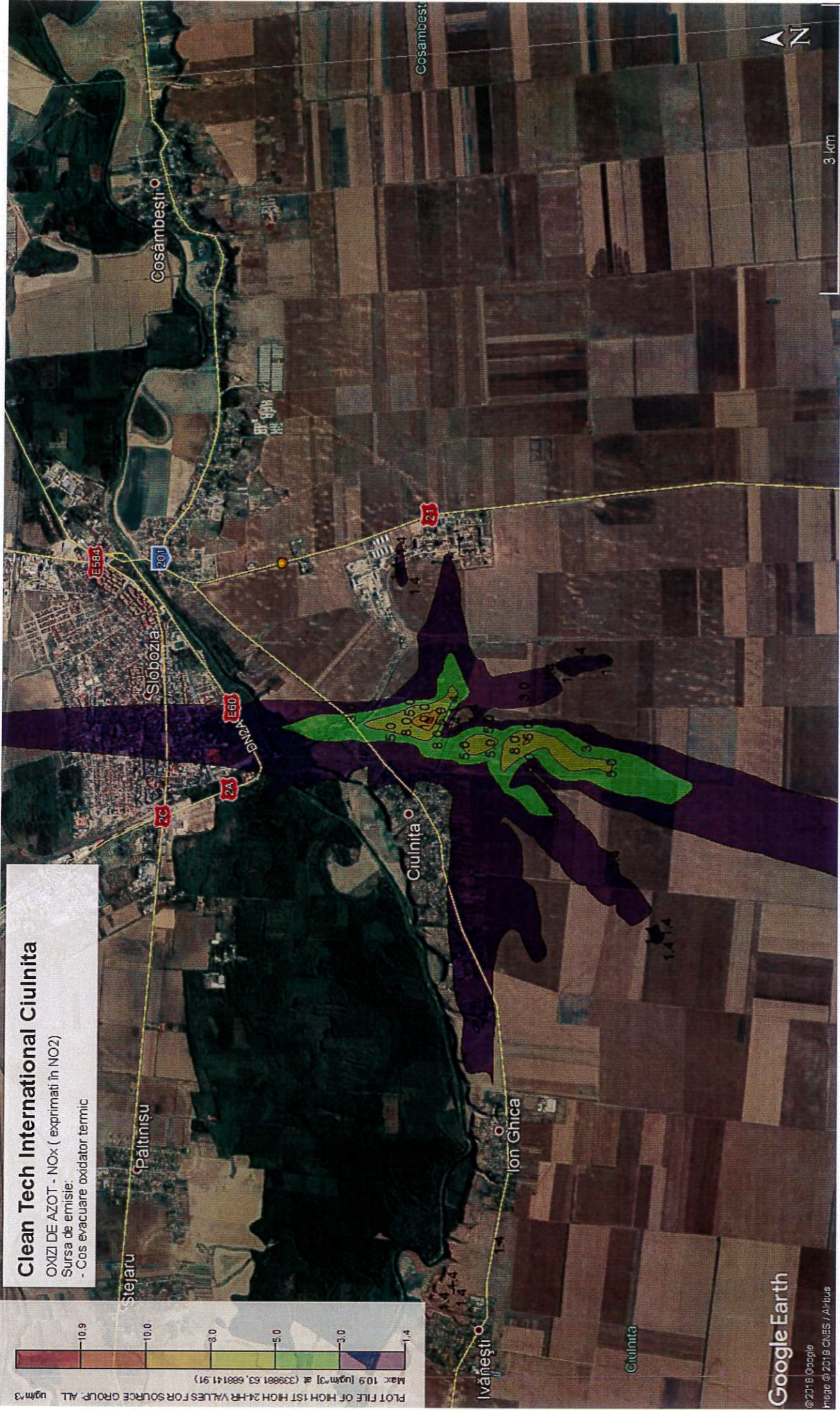
PROJECT NO.:

**2019**





**Clean Tech International Ciulnita**  
 OXIZI DE AZOT - NOx ( exprimati în NO2)  
 Sursa de emisie:  
 - Cos evacuare oxidator termic

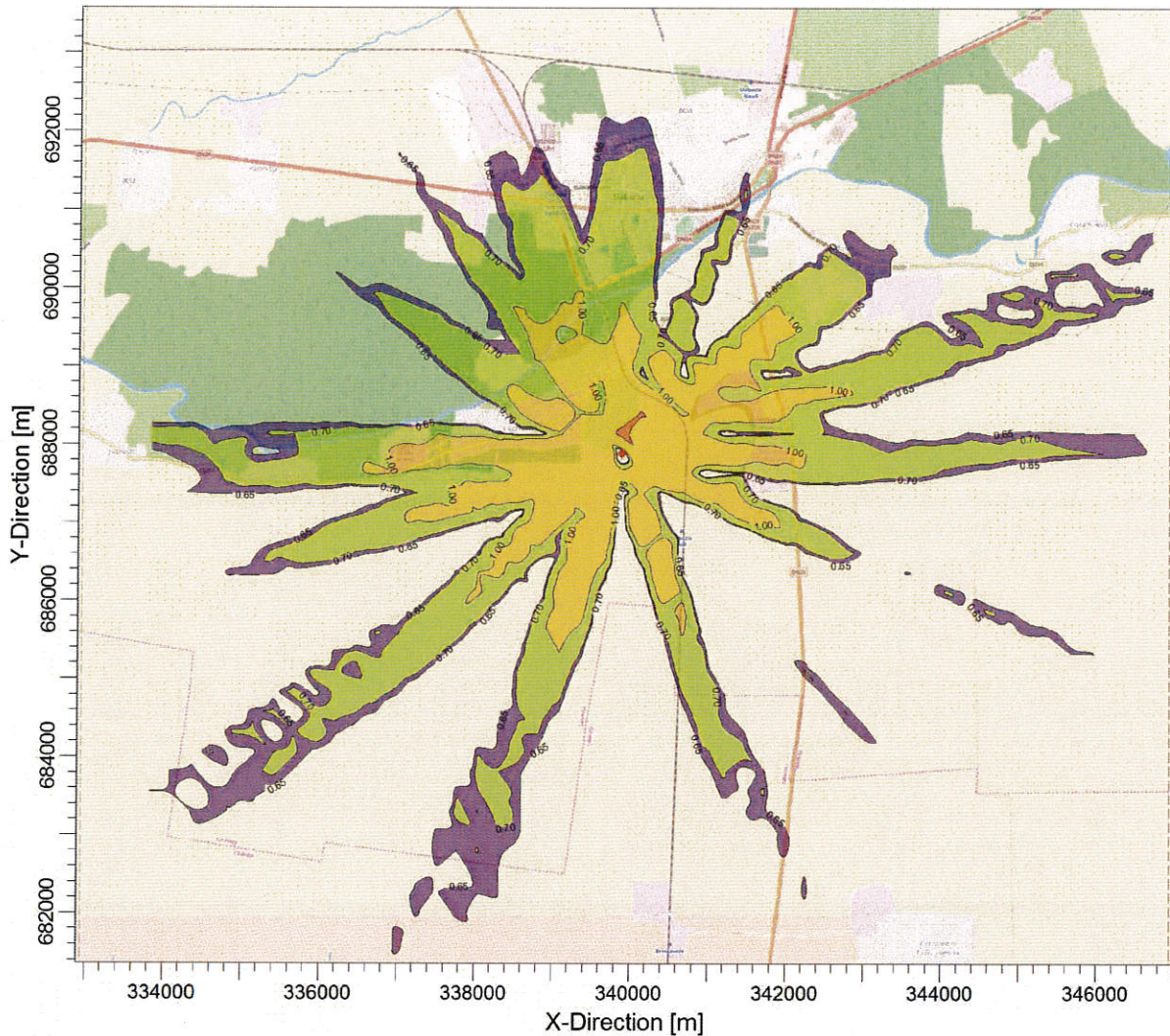


3 KM



PROJECT TITLE:

**Oxizi de sulf - SOx (exprimati in SO2)**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 3.54 [ug/m<sup>3</sup>] at (339881.63, 688141.91)



COMMENTS:

Sursa de emisie:  
 - Cos evacuare oxidator termic

SOURCES:

**1**

COMPANY NAME:

**ECO SIMPLEX NOVA**

RECEPTORS:

**2500**

OUTPUT TYPE:

**Concentration**

SCALE:

1:88,828

0 3 km

**ECO SIMPLEX NOVA®**

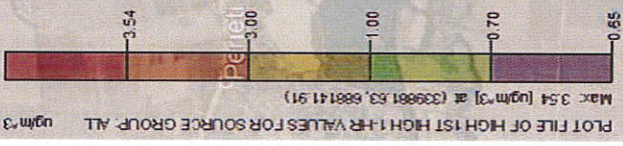
MAX:

**3.54 ug/m<sup>3</sup>**

PROJECT NO.:

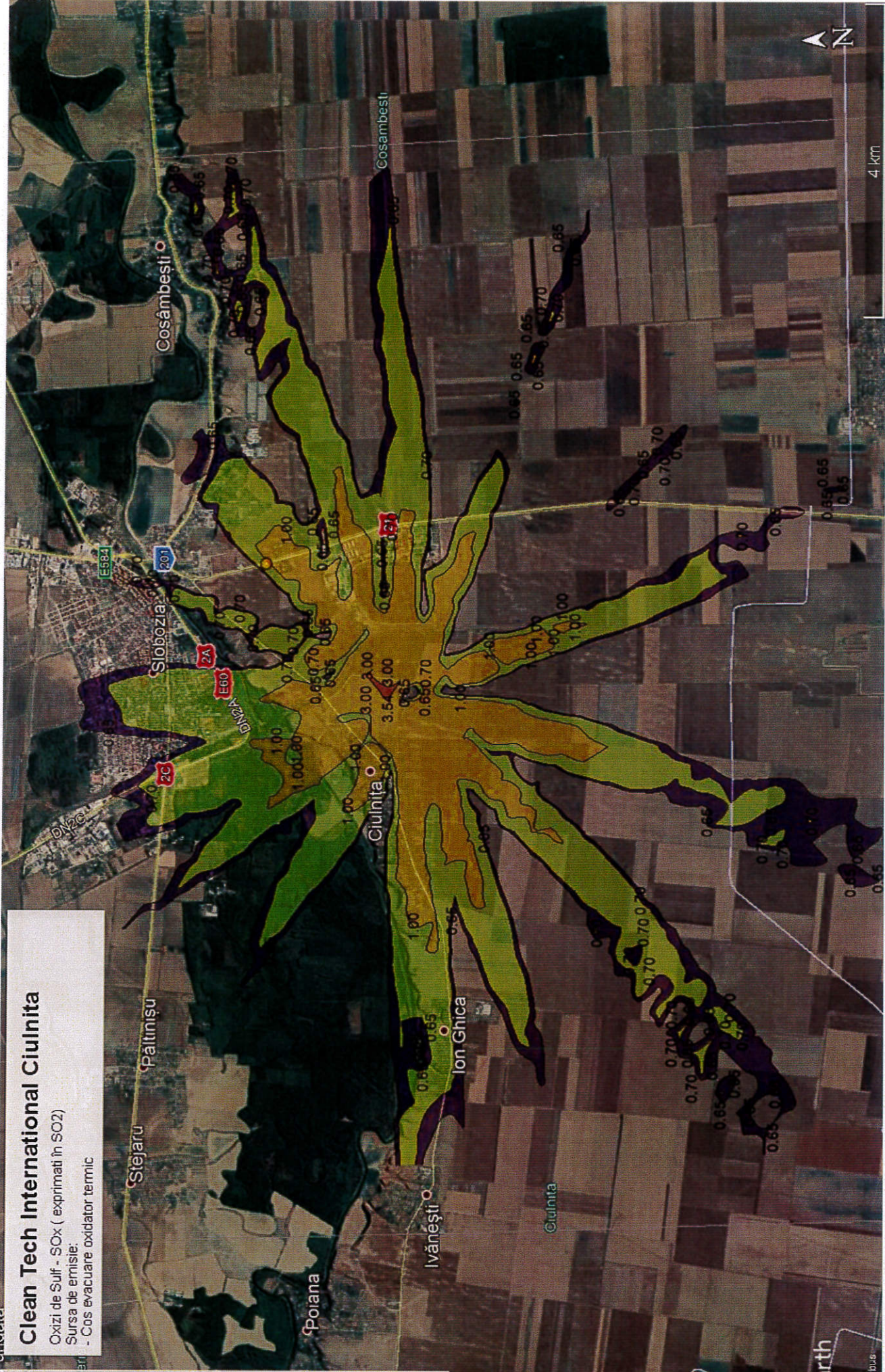
**2019**





### Clean Tech International Ciulinita

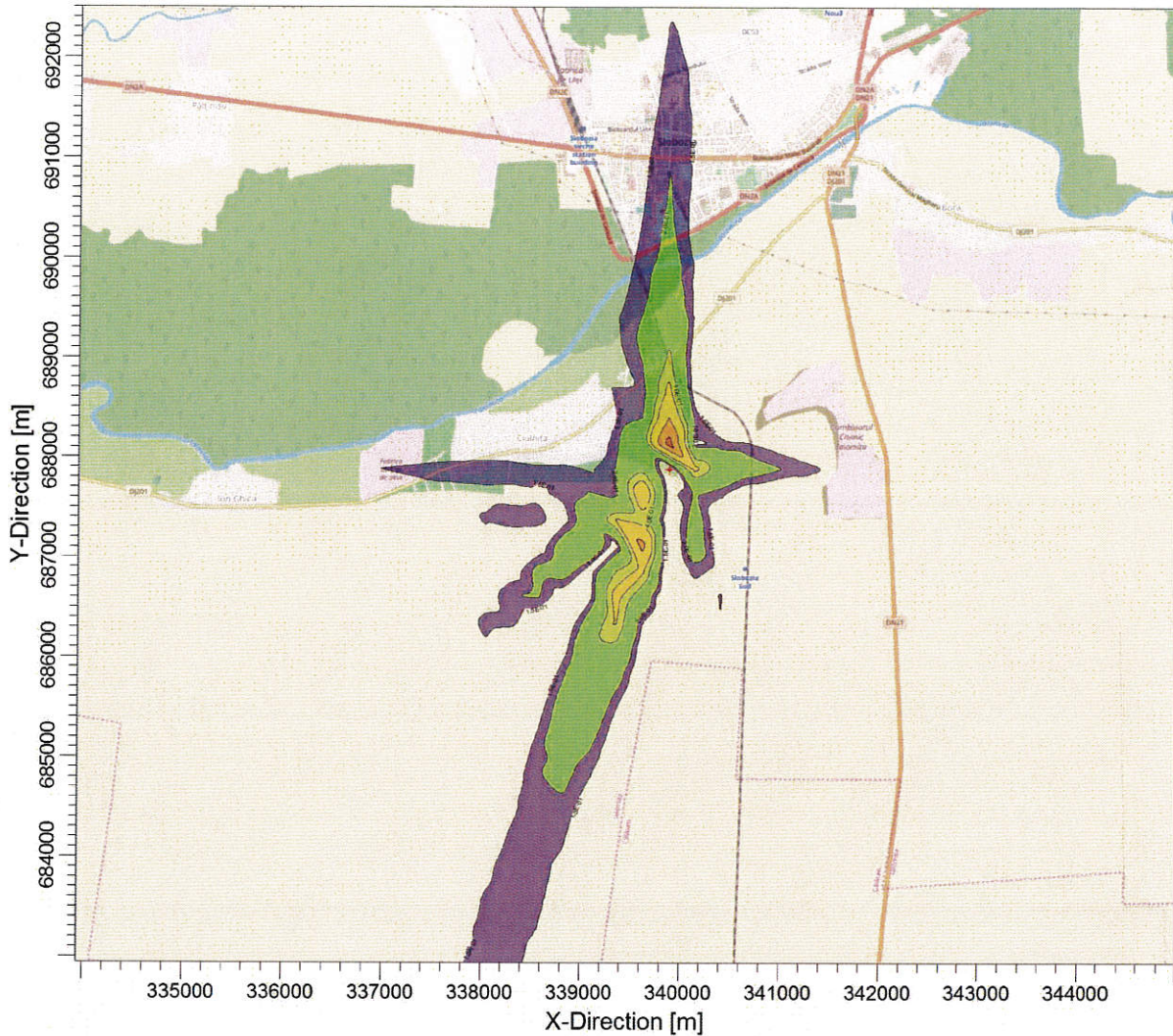
Oxizi de Sulf - SO<sub>x</sub> ( exprimati in SO<sub>2</sub>)  
 Sursa de emisie:  
 - Cos evacuare oxidator termic





PROJECT TITLE:

**Oxizi de sulf - SOx (exprimati in SO2)**  
**Clean Tech International Ciulnita**




PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

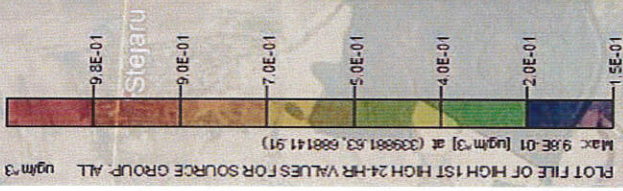
ug/m<sup>3</sup>

Max: 9.8E-01 [ug/m<sup>3</sup>] at (339881.63, 688141.91)



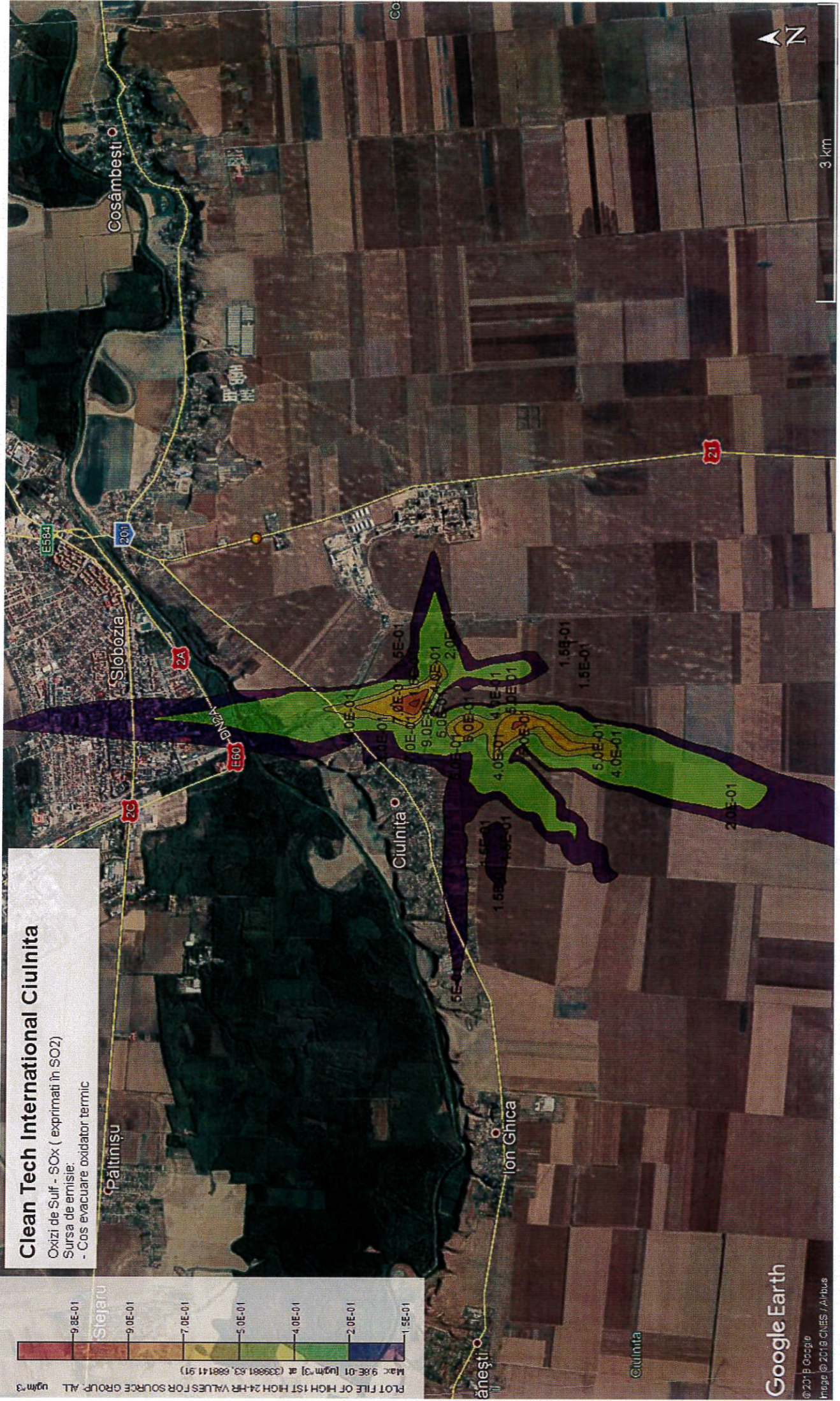
COMMENTS:  Sursa de emisie: - Cos evacuare oxidator termic	SOURCES:  <b>1</b>	COMPANY NAME:  <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS:  <b>2500</b>		
	OUTPUT TYPE:  <b>Concentration</b>		
	MAX:  <b>9.8E-01 ug/m<sup>3</sup></b>	PROJECT NO.:  <b>2019</b>	





### Clean Tech International Ciulnita

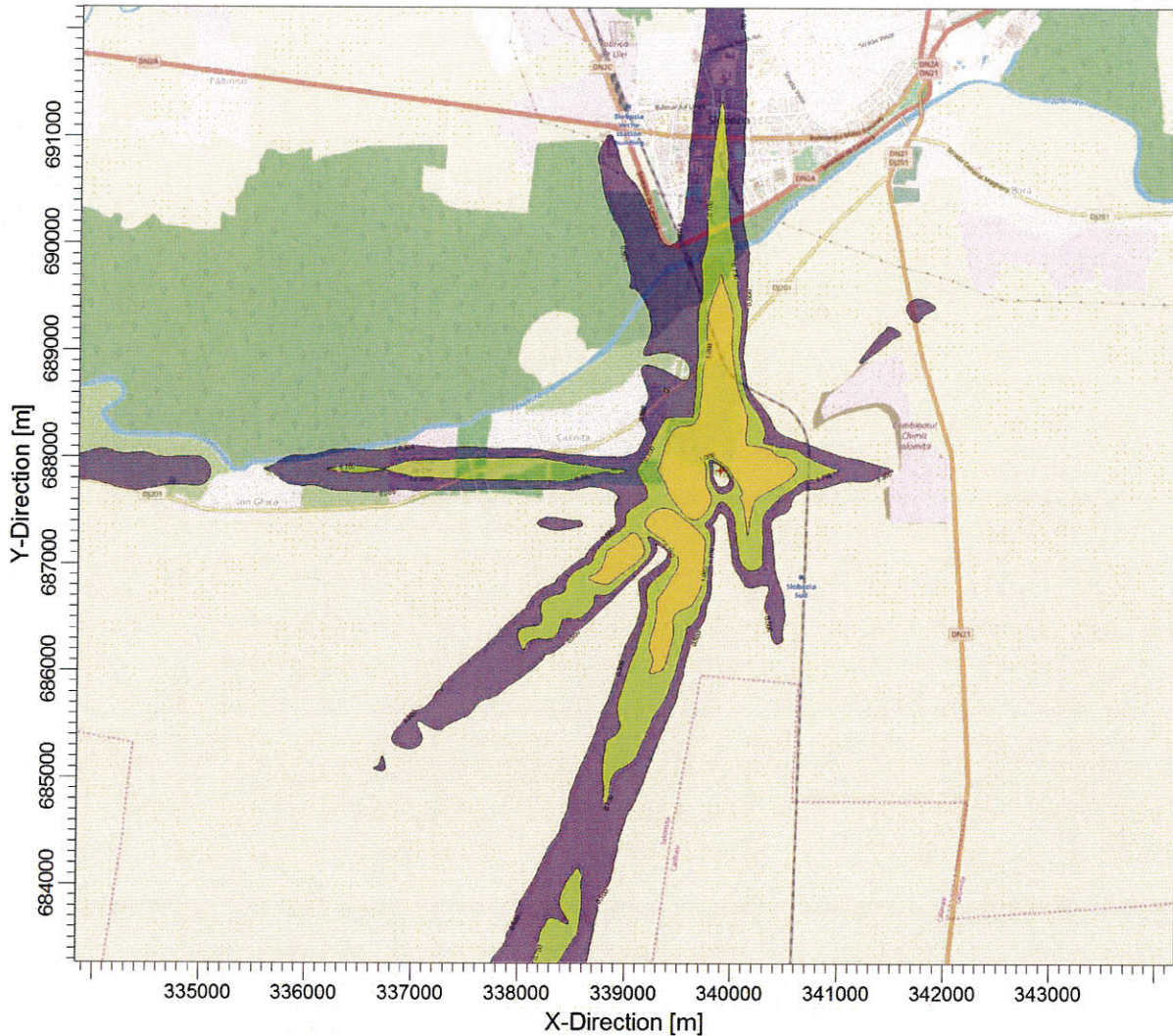
Oxizi de Sulf - SO<sub>x</sub> ( exprimati in SO<sub>2</sub>)  
 Sursa de emisie:  
 - Cos evacuare oxidator termic





PROJECT TITLE:

**Monoxid de carbon - CO**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 8-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 3.002 [ug/m<sup>3</sup>] at (339881.63, 688141.91)



COMMENTS:

Sursa de emisie:  
 - Cos evacuare oxidator termic

SOURCES:

**1**

COMPANY NAME:

**ECO SIMPLEX NOVA**

RECEPTORS:

**2500**

OUTPUT TYPE:  
**Concentration**

SCALE: 1:64,997



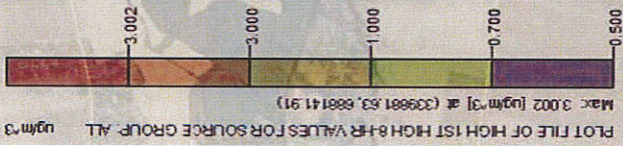
MAX:  
**3.002 ug/m<sup>3</sup>**



PROJECT NO.:

**2019**





### Clean Tech International Ciulnita

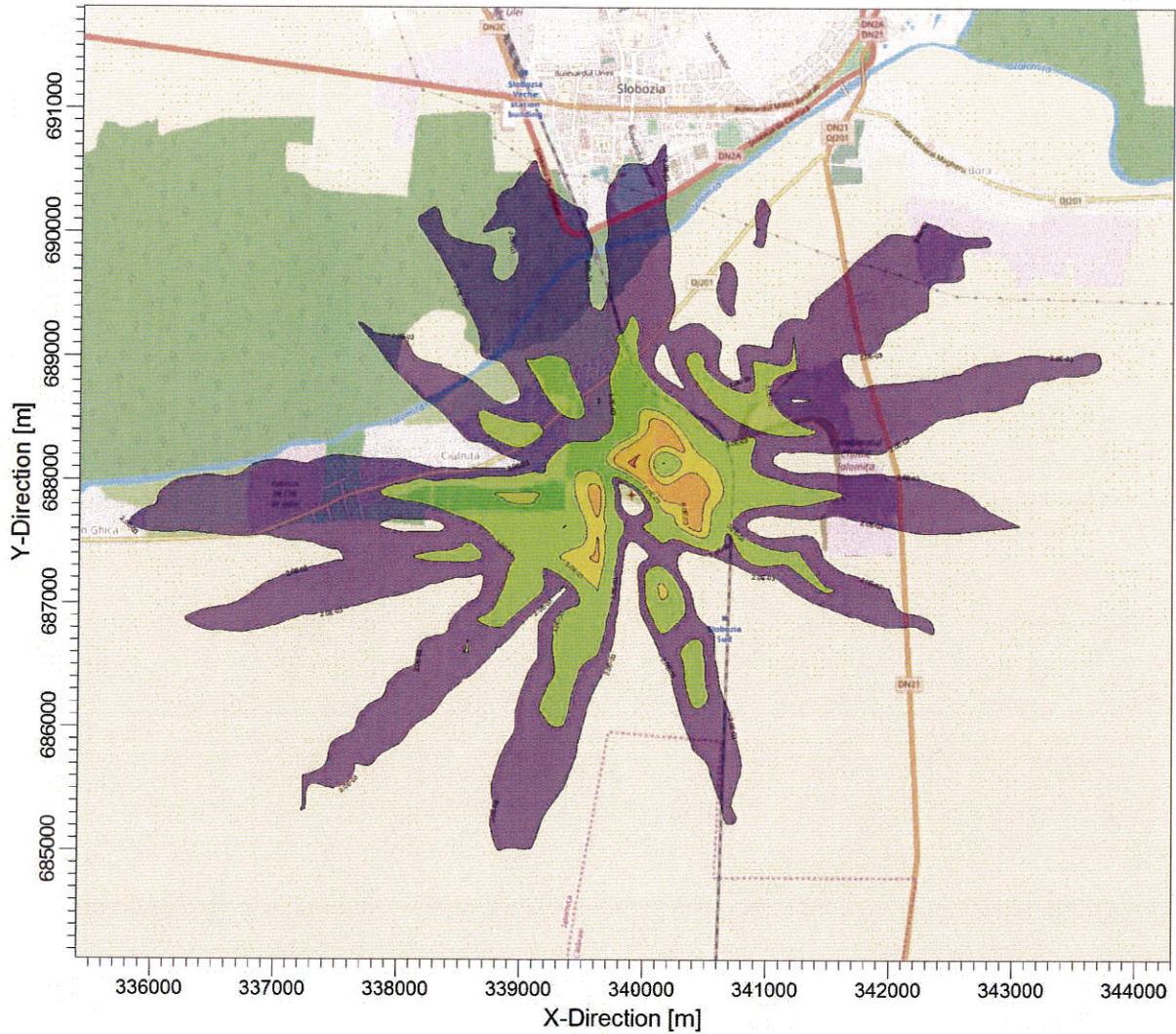
Monoxid de carbon - CO Stejaru Păltinșu  
 Sursa de emisie:  
 - Cos evacuare oxidator termic





PROJECT TITLE:

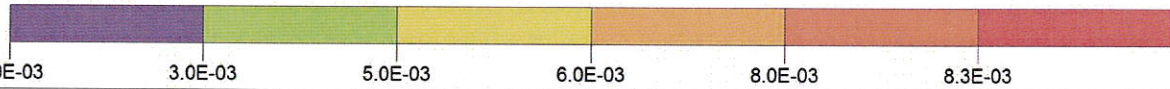
**HIDROGEN SULFURAT - H2S**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 8.3E-03 [ug/m<sup>3</sup>] at (339881.63, 688141.91)



COMMENTS:

Sursa de emisie:  
 - Cos evacuare oxidator termic

SOURCES:

**1**

COMPANY NAME:

**ECO SIMPLEX NOVA**

RECEPTORS:

**2500**

OUTPUT TYPE:

**Concentration**

SCALE:

1:55,940

0 2 km



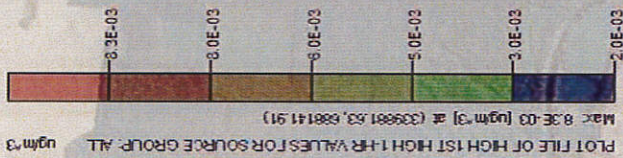
MAX:

**8.3E-03 ug/m<sup>3</sup>**

PROJECT NO.:

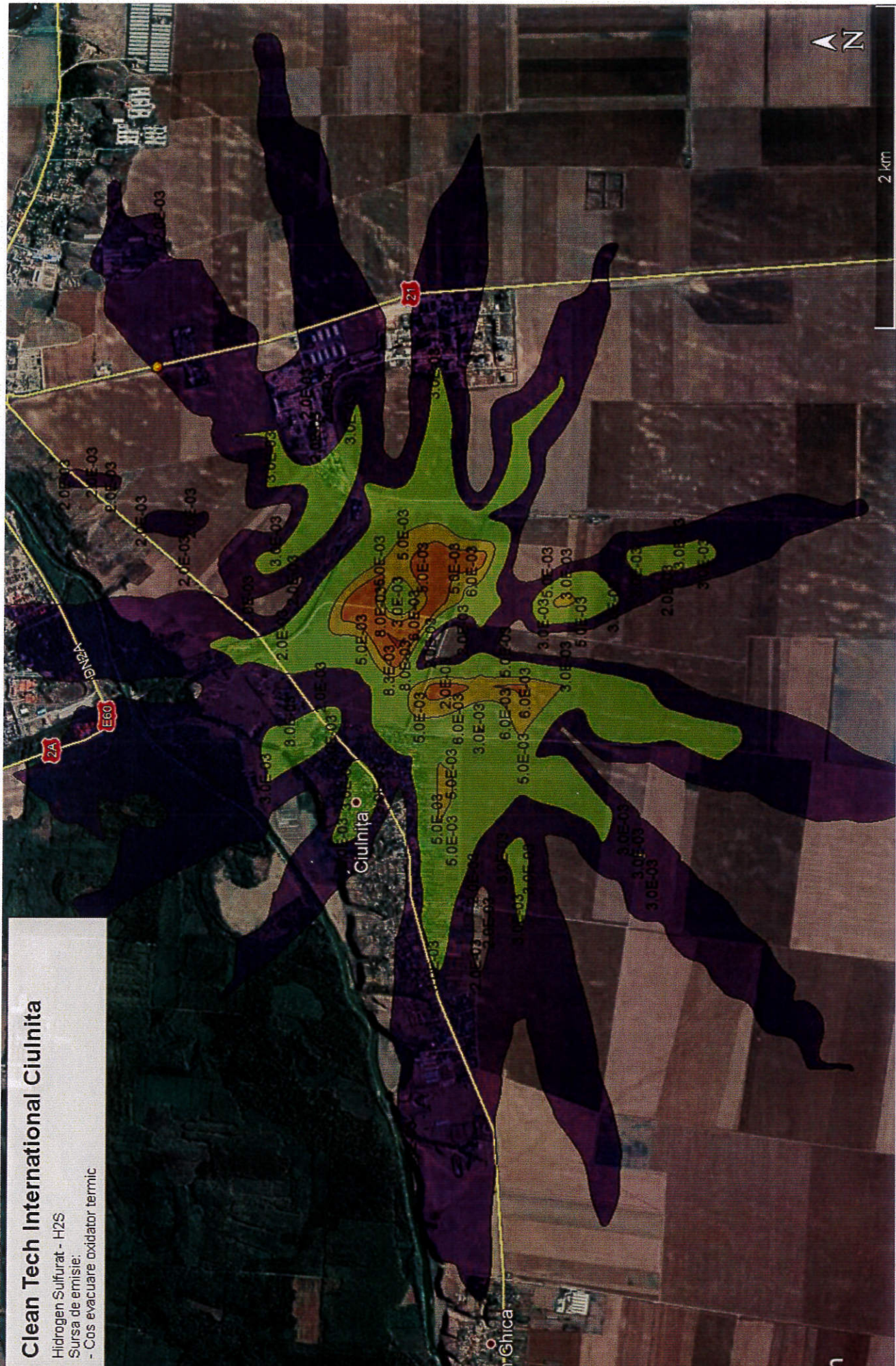
**2019**





### Clean Tech International Ciulnita

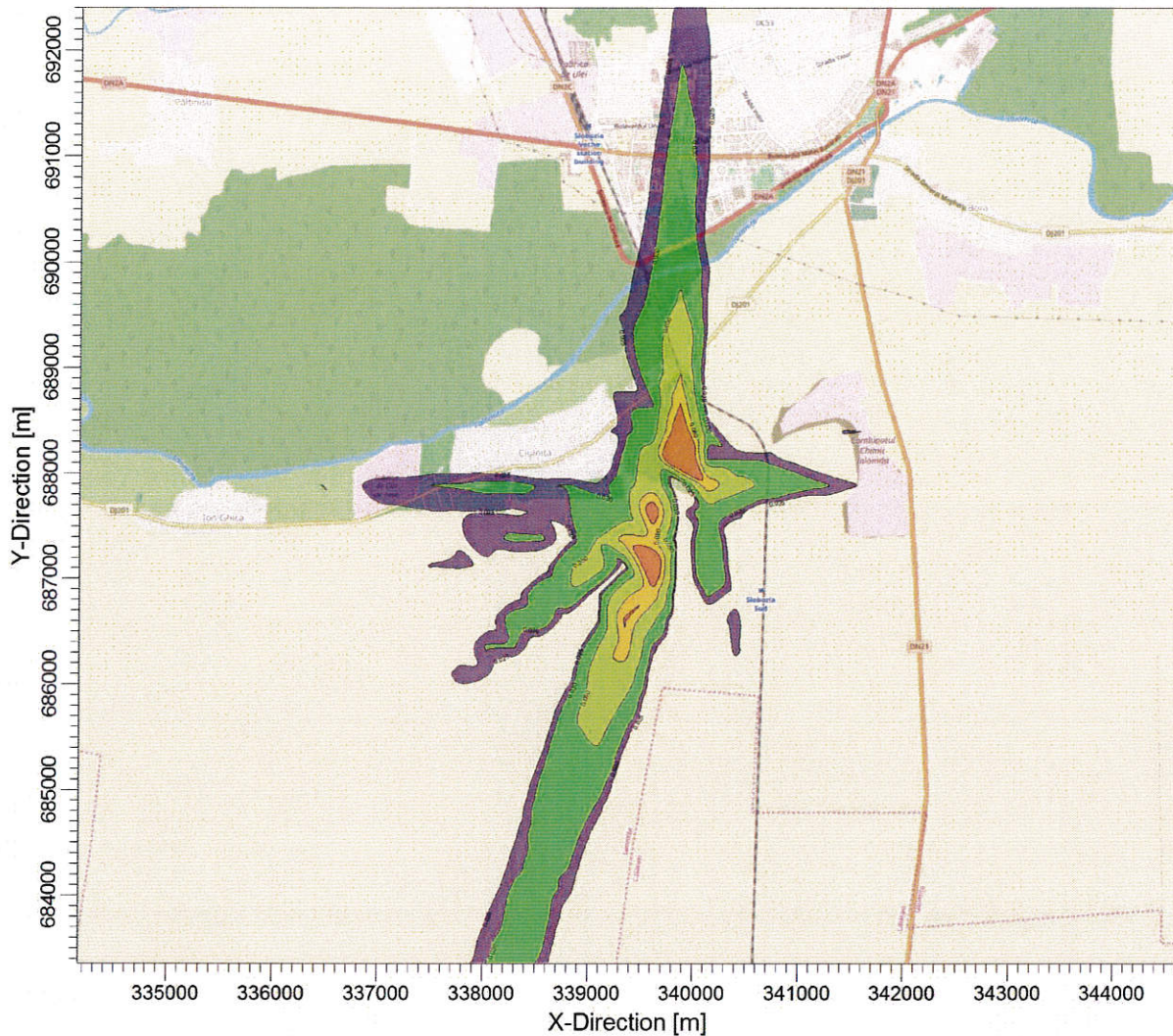
Hidrogen Sulfurat - H2S  
 Sursa de emisie:  
 - Cos evacuare oxidator termic





PROJECT TITLE:

**HIDROGEN SULFURAT - H2S**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 0.179 [ug/m<sup>3</sup>] at (339881.63, 688141.91)

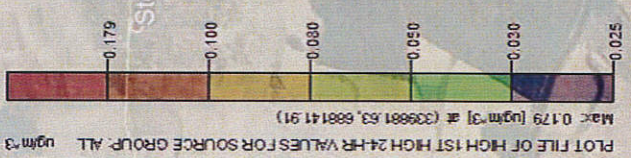


COMMENTS: Sursa de emisie: - Cos evacuare oxidator termic	SOURCES: <b>1</b>	COMPANY NAME: <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS: <b>2500</b>		
	OUTPUT TYPE: <b>Concentration</b>		
	MAX: <b>0.179 ug/m<sup>3</sup></b>	PROJECT NO.: <b>2019</b>	



# Clean Tech International Ciulnita

Hidrogen Sulfurat - H2S  
Sursa de emisie:  
- Cos evacuare oxidator termic



Plot file of high 1st high 24-hr values for source group. All ug/m³  
Max: 0.179 [ug/m³] at (339981.63, 888141.91)





PROJECT TITLE:

**Pulberi in suspensie - PM10**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 0.179 [ug/m<sup>3</sup>] at (339881.63, 688141.91)



COMMENTS:

Sursa de emisie:  
 - Cos evacuaire oxidator termic

SOURCES:

**1**

COMPANY NAME:

**ECO SIMPLEX NOVA**

RECEPTORS:

**2500**

OUTPUT TYPE:

**Concentration**

SCALE:

1:78,372

0 3 km



MAX:

**0.179 ug/m<sup>3</sup>**

PROJECT NO.:

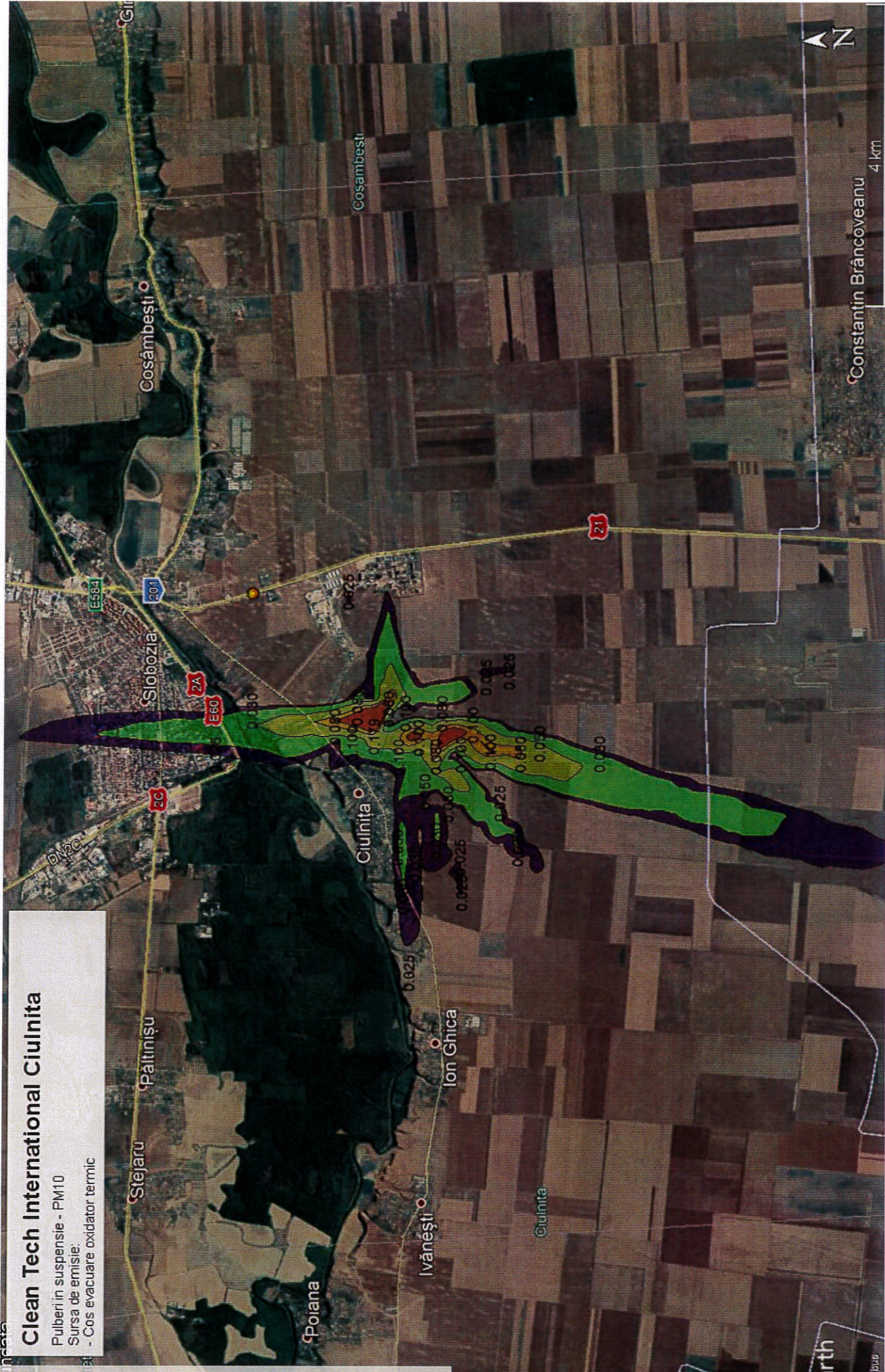
**2019**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP. ALL ug/m<sup>3</sup>  
 Max: 0.179 [ug/m<sup>3</sup>] at (309681.63, 688141.91)  
 Pellet



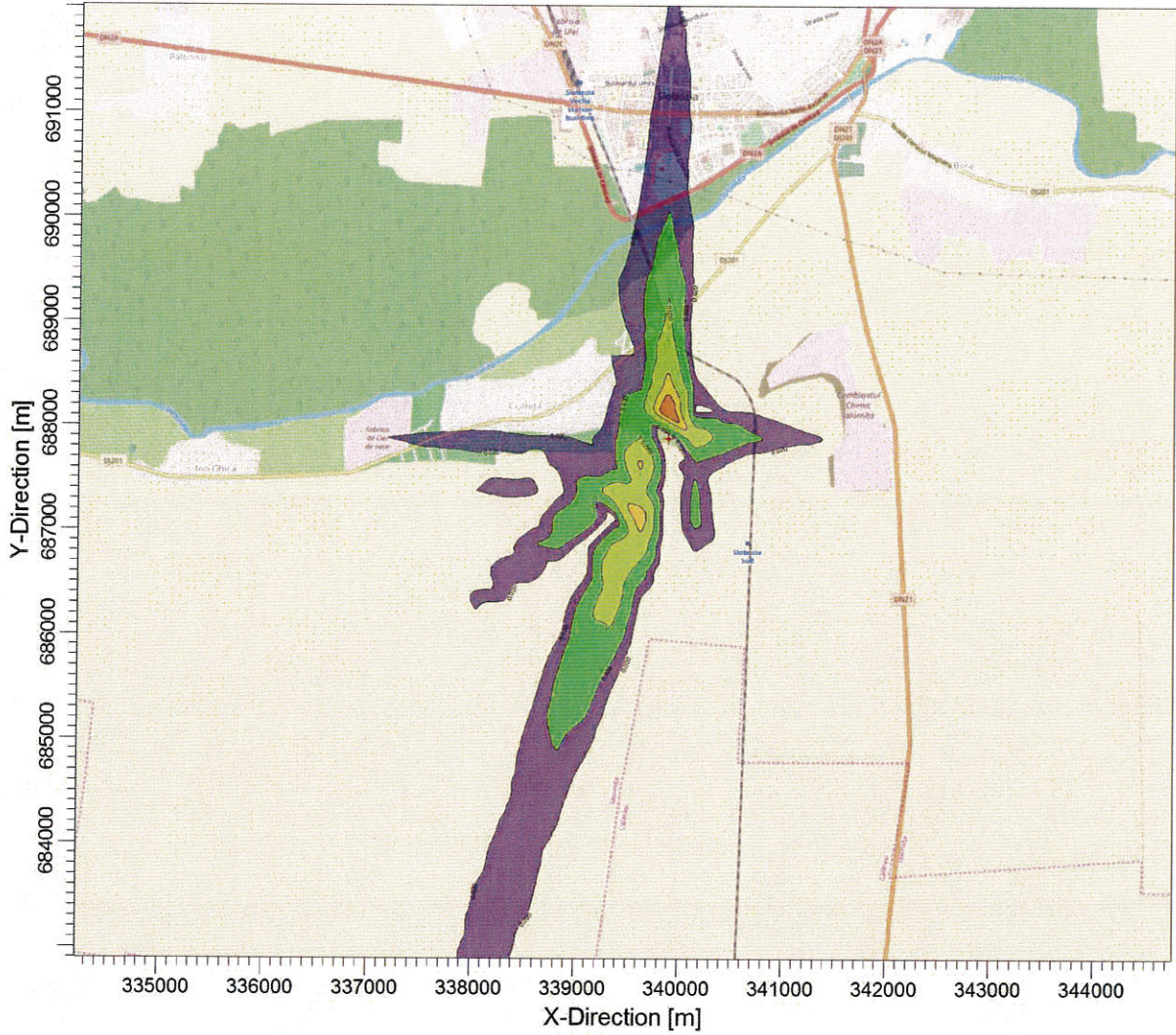
**Clean Tech International Ciulnita**  
 Pulberi in suspensie - PM10  
 Sursa de emisie:  
 - Cos evacuare oxidator termic





PROJECT TITLE:

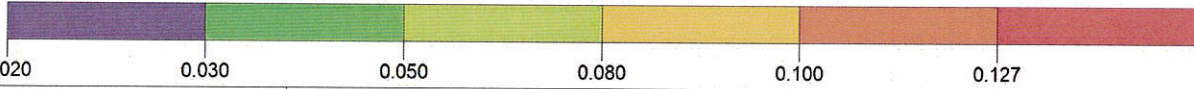
**COMPUSI ORGANICI VOLATILI NON-METANICI - NMVOC**  
**Clean Tech International Ciulnita**



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 0.127 [ug/m<sup>3</sup>] at (339881.63, 688141.91)

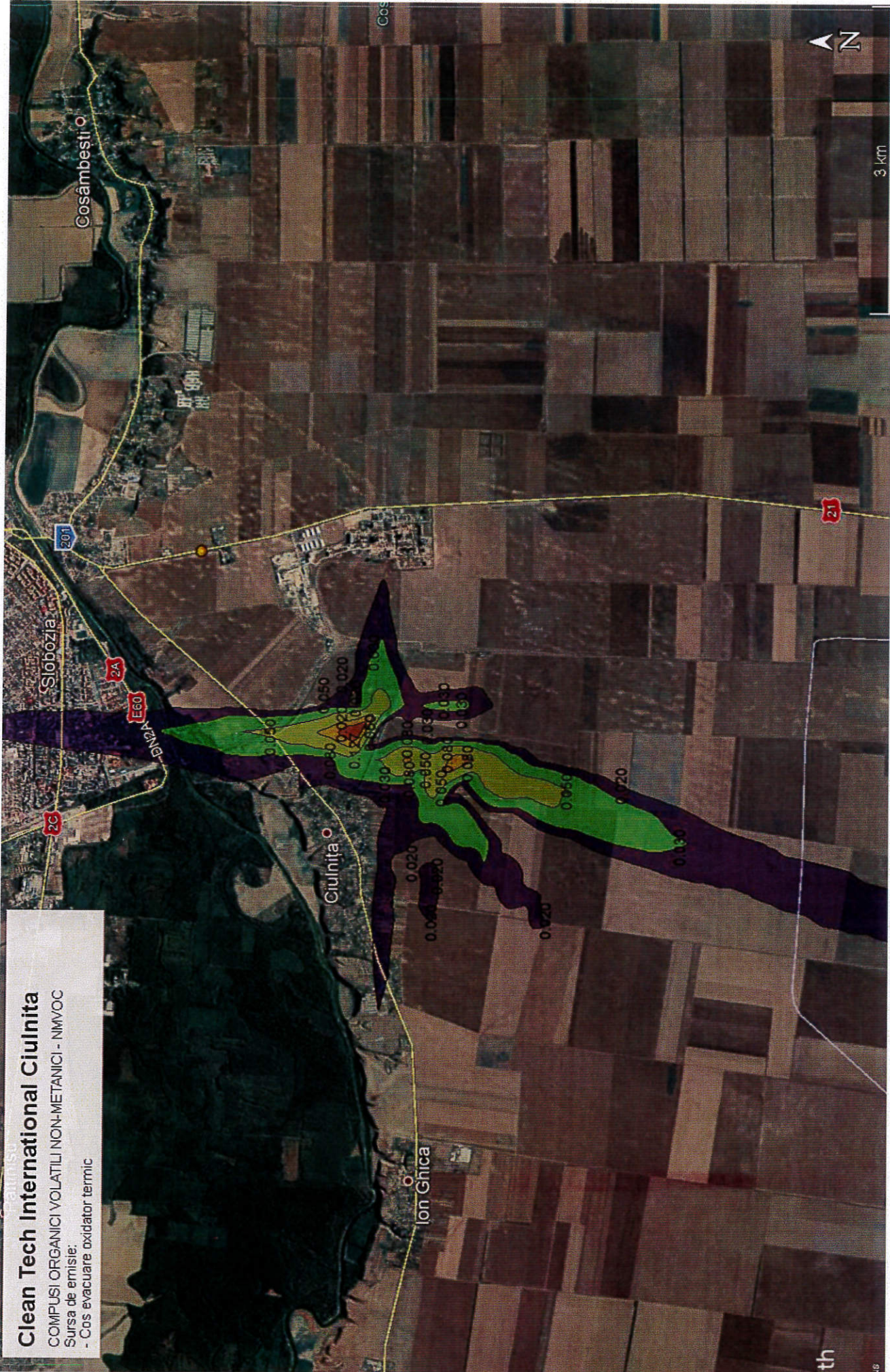


COMMENTS:  Sursa de emisie: - Cos evacuare oxidator termic	SOURCES:  <b>1</b>	COMPANY NAME:  <b>ECO SIMPLEX NOVA</b>	
	RECEPTORS:  <b>2500</b>		
	OUTPUT TYPE:  <b>Concentration</b>		
	MAX:  <b>0.127 ug/m<sup>3</sup></b>	SCALE: 1:66,341  	PROJECT NO.:  <b>2019</b>



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL  
 ug/m<sup>3</sup>  
 Max: 0.127 [ug/m<sup>3</sup>] at (399681.63, 686141.91)  
 0.127  
 0.100  
 0.080  
 0.050  
 0.030  
 0.020

**Clean Tech International Ciulnita**  
 COMPUȘI ORGANICI VOLATILI NON-METANICI - NMVOC  
 Sursa de emisie:  
 - Cos evacuare oxidator termic

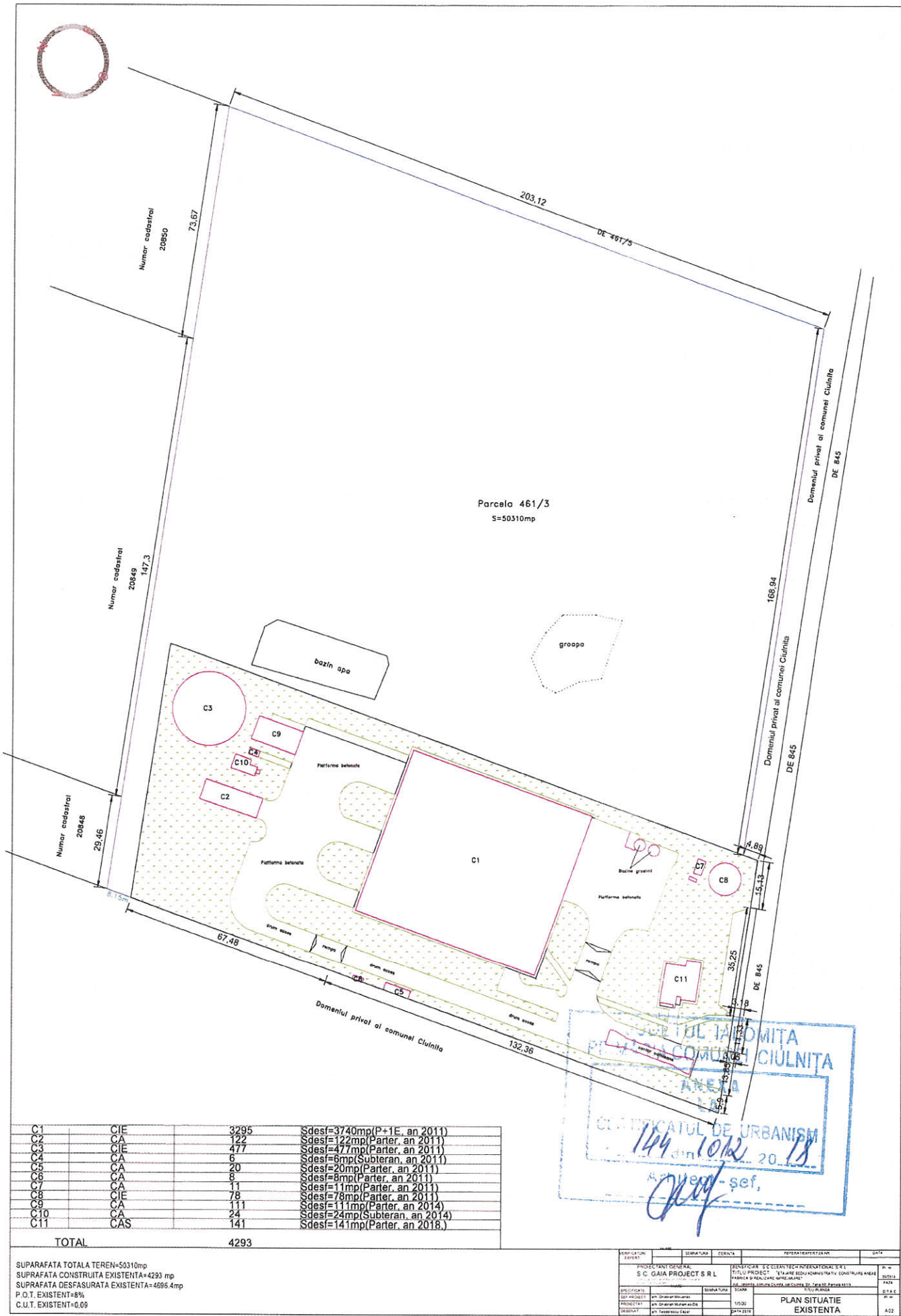






VERIFICATOR/ EXPERT	NUME	SEMNTURA	CERINTA	REFERAT/EXPERTIZA NR.	DATA
<b>PROIECTANT GENERAL</b> <b>S.C. GAIA PROJECT S.R.L.</b> Slobozia, jud. Ialomita, Blvd. Matei Basarab, nr. 26, CIF 36241450			<b>BENEFICIAR : S.C.CLEAN TECH INTERNATIONAL S.R.L.</b> <b>TITLU PROIECT : "ETAJARE SEDIU ADMINISTRATIV, CONSTRUIRE ANEXE</b> <b>FABRICA SI REALIZARE IMPREJMUIRE"</b> Jud. Ialomita, comuna Ciulnita, sat Ciulnita, Str. Terza ED, Parcea 461/3		Pr. nr. 20/2018 FAZA D.T.A.C. PL. nr. A01
<b>SPECIFICATII</b>	<b>NUME</b>	<b>SEMNTURA</b>	<b>SCARA</b>	<div style="border: 2px solid blue; padding: 5px; text-align: center;"> <b>PRIMĂRIA COMUNA CIULNITA</b>  <b>PLAN INCADRARE</b>  <b>IN ZONA</b>  <b>CERTIFICATUL DE URBANISM</b>            Nr. 144 din 10.12.2018            Arhitect - 551,  <i>[Signature]</i> </div>	
<b>SEF PROIECT</b>	arh. Ghabrah Mouanes				
<b>PROIECTAT</b>	arh. Ghabrah Muhamed-Dib		1/2000		
<b>DESENAT</b>	arh. Teodorescu Cezar		DATA 2018		





Parcela 461/3  
S=50310mp

C1	CIE	3295	Sdes=3740mp(P+1E, an 2011)
C2	CA	477	Sdes=122mp(Parter, an 2011)
C3	CIE	477	Sdes=122mp(Parter, an 2011)
C4	CA	6	Sdes=6mp(Subteran, an 2011)
C5	CA	20	Sdes=20mp(Parter, an 2011)
C6	CA	8	Sdes=8mp(Parter, an 2011)
C7	CA	11	Sdes=11mp(Parter, an 2011)
C8	CIE	78	Sdes=78mp(Parter, an 2011)
C9	CA	111	Sdes=111mp(Parter, an 2014)
C10	CA	24	Sdes=24mp(Subteran, an 2014)
C11	CAS	141	Sdes=141mp(Parter, an 2018.)
<b>TOTAL</b>		<b>4293</b>	

SUPRAFATA TOTALA TEREN=50310mp  
 SUPRAFATA CONSTRUITA EXISTENTA=4293 mp  
 SUPRAFATA DESFASURATA EXISTENTA=4696.4mp  
 P.O.T. EXISTENT=8%  
 C.U.T. EXISTENT=0.09

COMUNA CIULNITA  
 ANEXA  
 CERTIFICATUL DE URBANISM  
 144 din 10/12 2018  
 Arhitect-sef,

NUMAR CADASTRAL	SEMANTICA	CERINTA	REPERTE/REPERTEZANCI	DATA
PROIECTANT GENERAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.
PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.
PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.	PROIECTANT LOCAL S.C. GAIA PROJECT S.R.L.









## Atasament nr.1 al Raportului de incercare PI1905959

### EMISII GAZE DE ARDERE

Cod proba: PI1905959-001

#### DATE DESPRE PRELEVARE ȘI EXECUȚIA ÎNCERCĂRII:

Proba a fost prelevată de către reprezentantul laboratorului în prezența beneficiarului.

**Data prelevării:** 21.10.2019

**Condiții de mediu:**  $t=17^{\circ}\text{C}$ ;  $u=84\%$ .

**Sursa de prelevare:** cos evacuare,  $t_{\text{gaze}}=192.9^{\circ}\text{C}$ ;  $\text{umiditate}_{\text{gaze}} < 1\%$ .

**Locația:** Cazan oxidor

**Combustibil:** gaz natural

**Condiții de operare ale procesului:** În timpul determinarilor instalațiile au funcționat în condiții normale

**Tip proba:** emisii captate din procesul tehnologic, **oxigen de referință 3%**.

**Tip măsurare:** momentana

**Prelevarea poluanților atmosferici:** conform procedurii PP-08-02,ed.1/rev.0 și conform cerințelor standardelor SR CEN/TS 15675:2009, SR EN 15259:2008.

#### Aparatura folosită:

Gaze de ardere – analizor computerizat cu electro-senzori specifici tip SEITRON.

Pulberi – pompă de aer portabilă model SKC Pocket, timp de mediere 30min.

Determinarea de  $\text{H}_2\text{S}$ , COVNM exprimați în COT a fost efectuată cu analizor specific, tip MX6 IBRID.

#### REZULTATE OBTINUTE:

Metode de referință:

Gaze de ardere: SR EN 15259:2008, SR ISO 10396:2008

Pulberi: SR EN 13284-1:2002, SR EN 15259:2008, SR ISO 9096:2005

COV: PSL-07- Procedura specifică de laborator. Determinarea concentrației de COV.

Nr. test	Ora	O <sub>2</sub> %	CO <sub>2</sub> %	CO [mg/Nm <sup>3</sup> ]	NO <sub>x</sub> [mg/Nm <sup>3</sup> ]	SO <sub>2</sub> [mg/Nm <sup>3</sup> ]	Pulberi [mg/Nm <sup>3</sup> ]	COVNM exprimați în COT [mgC/Nm <sup>3</sup> ]	H <sub>2</sub> S [mg/Nm <sup>3</sup> ]	Temperatura Gaze [°C]
1	1106	15.0	3.3	49.0	340.0	32.0	5.69	4.06	<0.076	190.5
2	1109	15.4	3.1	57.0	342.0	31.0				193.3
3	1112	15.3	3.1	67.0	341.0	32.0				194.8
<b>Media</b>		-	-	<b>57.7</b>	<b>341.0</b>	<b>31.7</b>				
Valori limită conf. A.I.M. NR. 1/17.03.2014				100	350	35	50	150	5	-

- rezultatele sunt exprimate în condiții normale de temperatură și presiune și corectate pentru 3% Oxigen de referință;

-determinarea de Pulberi s-a efectuat fără condiții izocinetice;

-valorile notate cu "<" reprezintă valori situate sub limita de determinare.





## D&V ENVIRONMENT S.R.L.

Consultanță, documentații de mediu și gospodărirea apelor  
atestată M.M.P. - R.M., R.I.M., B.M., R.A., E.A. și G.A.

Str. Cosminului, bl. BN8, sc. A, parter, Slobozia, jud. Ialomița  
Tel./Fax: 0243/230246; mobil: 0744423100  
E-mail: davidmediu@yahoo.com  
www.documentatiimediu.ro

C.U.I.: RO 17666446  
Reg. Com. J21/284/2005  
Cont RO53RZBR0000060006647625  
deschis la Raiffeisen Bank Slobozia



### Buletin de analiză Nr. 24 / 26.03.2019

1. Beneficiar: S.C. Clean Tech International S.R.L.;
2. Tipul de analize efectuate: emisii la coș;
3. Data efectuării măsurătorilor: 25.03.2019;
4. Locul efectuării măsurătorilor: C1 - coș evacuare gaze arse oxidator;
5. Denumirea obiectivului: Fabrică de făini proteice;
6. Adresa amplasamentului: tarla 50, parcela 461/3, com. Ciulnița, jud. Ialomița
7. Combustibil folosit: gaze naturale
8. Rezultatele determinărilor – conform tabelului:

Nr. crt.	Parametri	Valoare medie orară determinată	VLE conform Ordin nr. 462/1993
1.	CO	75,90 mg/Nm <sup>3</sup>	100 mg/Nm <sup>3</sup>
2.	NO <sub>x</sub>	230,49 mg/Nm <sup>3</sup>	350 mg/Nm <sup>3</sup>
3.	SO <sub>x</sub>	3,7 mg/Nm <sup>3</sup>	35 mg/Nm <sup>3</sup>
4.	Pulberi totale	2,15 mg/Nm <sup>3</sup>	5 mg/Nm <sup>3</sup>
5.	H <sub>2</sub> S	2,29 mg/Nm <sup>3</sup>	5 mg/Nm <sup>3</sup>
6.	Totalitatea substanțelor organice, sub formă de efluenți gazoși, exprimată în carbon organic total	65,86 mgC/Nm <sup>3</sup>	150 mgC/Nm <sup>3</sup>

Măsurătorile au fost efectuate în timpul desfășurării activității și implicit al funcționării instalației de oxidare.

Aparatele cu care s-au realizat măsurătorile sunt:

- pentru CO, NO<sub>x</sub>, SO<sub>x</sub>, H<sub>2</sub>S: Oldham MX 21 Plus, seria 5412-021, etalonat la Metron Serv – Laborator de etalonare atestat de către Biroul Român de Metrologie Legală din cadrul Institutului Național de Metrologie, cu certificatul de etalonare nr. 01.1852.05.2018;
- pentru Carbon organic total: detector cu fotoionizare tip VX 500, seria 060602H – 008, etalonat la Metron Serv – Laborator de etalonare atestat de către Biroul Român de Metrologie Legală din cadrul Institutului Național de Metrologie, cu certificatul de etalonare nr. 01.1853.05.2018;

Întocmit,  
Ing. Al. David & V  
ENVIRONMENT  
SRL  
\* TÂMBUREI IALOMIȚA \*