

Presentation of the project results to policy makers

Final Version of 30/11/2021

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Event's Report



Project Acronym	SOUNDSCAPE
Project ID Number	10043643
Project Title	Soundscapes in the north Adriatic Sea and their impact on marine biological resources
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Work Package Number	2
Work Package Title	Communication activities
Activity Number	2.4
Activity Title	Public events
Partner in Charge	CNR, MESD
Partners Involved	CF, IOF
Authors	Alice Pari (CF)
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Presentation of the project results to policy makers in Split, Rome and Zagreb

The project was promoted to the policy makers in Split on 17th of June 2021. The name of the event was: The underwater noise and its impact on the marine biological resources. The main organizer was our project partner **Ministry of Economy and Sustainable Development (MESD)**. To this event have participated 28 people.

Consiglio Nazionale delle Ricerche (CNR) organized one day meeting in Rome, on 16th November 2021, involving Italian Ministry of Ecological Transition and Italian Ministry of Transports and Infrastructures, in order to disseminate project results and achievements. 22 in presence participant and 10 online participants took part to this event.

On 15th November 2021, MESD organized another event in Zagreb to disseminate project results to policy makers, 17 people have participated.

During the meetings PP1 and PP6 have illustrated the project results to the authorities and asked for their feedback with particular focus on the implementation of the MSFD D11.

Attached minutes for each meeting.

Event in Split



Agenda

AGENDA

- 10:00 Welcoming speech (*J. Perković, MESD, V. Dadić, IOF*)
- 10:15 Underwater noise: classification, characteristics and its impact on marine biological resources (*P. Vukadin, IOF*)
- 10:40 Major international projects on underwater noise research (IQOE, BIAS, JOMOPANS, QM-1-2, ADEON) (*H. Mihanović, IOF*)
- 10:50 Monitoring of underwater noise in Croatia (*V. Dadić, IOF*)
- 11:00 Overview of the Project (*V. Dadić, IOF*)
- 11:15 Measurement methodology and underwater noise monitoring program (*F. Matić, IOF*)
- 11:25 Data storage and display (*D. Ivanković, IOF*)
- 11:35 *Coffee break*
- 12:05 Preliminary results of measurement and spatio-temporal modeling of underwater noise (*H. Mihanović, IOF*)
- 12:30 Results of research on the impact of underwater noise on sensitive species (bottlenose dolphins, turtles) (*N. Rako Gospić, BWI*)
- 12:45 Data integration and decision support tools (*P. Vukadin, IOF*)
- 13:00 Support in the application of ODMS for D11 in Croatia and the issue of impulse noise (*V. Dadić, IOF*)
- 13:15 Discussion and closure (*H. Mihanović and P. Vukadin, IOF*)
- 14:00 *Lunch*

SOUNDSCAPE

Soundscapes in the North Adriatic Sea and their impact on marine biological resources

MINUTES

"Underwater noise and its impact on marine biological resources", workshop for protected areas / natural heritage management bodies, universities and research institutes and NGOs

Split, 17th June 2021

MINUTES OF THE MEETING

Workshop “Underwater noise and its impact on marine biological resources” was organized by project partner Ministry of Economy and Sustainable Development (PP6) in Split on 17th of June. The meeting was held in Radisson Blu Resort & Spa. The workshop was part of the D2.4.2. Presentation of the project results to policy makers.

The workshop was held for the protected areas/natural heritage management bodies, universities and research institutes and NGOs. There were 12 different stakeholders present: Public institution for Protected natural values of Šibenik-Knin County, Public institution for Protected natural values of Zadar County, Public institution for Protected natural values of Dubrovnik-Neretva County, Public institution for Protected natural values of Split County, Public institution for Protected natural values of Primorsko-goranska County, Public Institution Nature Park Lastovo Islands, Public Institution Nature Park Telašćica, Public Institution National Park Brijuni, University of Zadar, University of Split, Institute of Oceanography and Fisheries and Ministry of Economy and Sustainable Development

Welcoming speech was given by Ms Josipa Perković (representative of the Ministry of Economy and Sustainable Development) and Mr Vlado Dadić, Soundscape project manager. Because it was the first live event after COVID-19 restrictions, they thanked everyone for coming to Split.

In the first part of the workshop Mr Predrag Vukadin held the introduction lecture on underwater noise: classification, characteristics and its impact on marine biological resources. Mr Hrvoje Mihanović talked about some major international projects on underwater noise research (IQOE, BIAS, JOMOPANS, QM-1-2, ADEON) and Mr Dadić presented some of the results of monitoring of underwater noise in Croatia so far.

After these introductory presentations, Mr Dadić presented project Soundscape by WPs, its goals and challenges.

The agenda was a bit changed because Ms Nikolina Rako Gospić from the Blue World Institute held her presentation via Zoom platform so it started after the coffee break. The presentation was on results of research on the impact of underwater noise on sensitive species (bottlenose dolphins, turtles). The research was conducted by the Blue World Institute.

Mr Frano Matić had the presentation on measurement methodology and underwater noise monitoring program, Mr Damir Ivanković on data storage and display and Mr Mihanović on preliminary results of measurement and spatio-temporal modeling of underwater noise.

The last presentation was held by Mr Vukadin on data integration and decision support tools. Due to lack of time, Mr Dadić didn't held the presentation about the support in the application of ODMS for D11 in Croatia and the issue of impulse noise.

At the end, and before lunch, there was a discussion on underwater noise in the Adriatic Sea. Ms Perković pointed out that the present stakeholders were part of the nature conservation sector so that part was the most interesting for them to discuss. Some of the participants from the national and nature parks said that they became aware of that problem just recently and they are realising it now, how big the problem is.

In addition to research, the next step will be a presentation of the project results to the authorities with particular focus on the implementation of the Marine Strategy Framework Directive, in respect to Descriptor 11 – Descriptor 11: Energy incl. Underwater Noise.

Mr Dadić and Ms Perković have announced a meeting to be held at the ministry level in September 2021.

Invitation



REPUBLIKA HRVATSKA
MINISTARSTVO GOSPODARSTVA I
ODRŽIVOG RAZVOJA

ZAVOD ZA ZAŠTITU OKOLIŠA I PRIRODE

KLASA: 612-07/20-05/04
URBROJ: 517-12-1-1-2-21-7

Zagreb, 27. svibnja 2021.

PREMA DOSTAVNOJ LISTI

PREDMET: Poziv na sudjelovanje u radionici „Podvodna buka i njen utjecaj na morske biološke resurse“ u sklopu projekta “Soundscapes in the North Adriatic Sea and their impact on marine biological resources - SOUNDSCAPE“
- dostavlja se

Poštovani,

Zavod za zaštitu okoliša i prirode Ministarstva gospodarstva i održivog razvoja poziva vas na radionicu *Podvodna buka i njen utjecaj na morske biološke resurse* koja će se održati u okviru projekta “Soundscapes in the North Adriatic Sea and their impact on marine biological resources - SOUNDSCAPE“ koja će se održati

17. lipnja 2021. (četvrtak) s početkom u 10:00 sati
u hotelu Radisson Blu, Put Trstenika 19, Split

Ljubazno molimo da svoje sudjelovanje potvrdite najkasnije do 10. lipnja 2021. godine elektronskom poštom na adresu josipa.perkovic@mingor.hr. Zbog epidemioloških razloga, molimo da imenujete jednu osobu i njenu zamjenu te ćemo ovisno o broju prijavljenih omogućiti sudjelovanje jedne odnosno dvije osobe iz iste institucije.

Projekt SOUNDSCAPE se provodi u okviru Programa prekogranične suradnje INTERREG V-A Italija – Hrvatska 2014. – 2020. i traje do 30. studenog 2021. godine. Vodeći partner je Institut za oceanografiju i ribarstvo, a pored Zavoda sudjeluje još 6 partnerskih institucija iz Italije i Hrvatske: Institute of Marine Sciences (Cnr-Ismar), Environmental Protection Agency of Friuli Venezia Giulia – ARPA, Cetacea Foundation, Marche Region - Service for Care, Management and Territorial Planning, Institut Plavi svijet i Nastavni zavod za javno zdravstvo Primorsko-goranske županije.

stranica 1 od 2

Projekt ima za cilj razvijanje prekogranične institucionalne i znanstvene suradnje kako bi se upotpunila dosadašnja saznanja o podvodnoj buci i ljudskim aktivnostima koja joj značajno doprinose s konačnim ciljem zaštite osjetljivih morskih vrsta kroz održivo korištenje morskih i obalnih ekosustava.

S poštovanjem,


RAVNATELJ
Aljoša Duplić
dr.sc. Aljoša Duplić

Prilozi:

- Dnevni red
- Dostavna lista

Način otpreme:

- Naslovu, elektronskom poštom
- Pismohrana, ovdje

stranica 2 od 2

Radionica *Podvodna buka i njen utjecaj na morske biološke resurse* u sklopu projekta
“Soundscapes in the North Adriatic Sea and their impact on marine biological resources
- SOUNDSCAPE“

Split, 17. lipnja 2021.

- 10:00 - 10:15 Uvodna riječ (MINGOR, IOR)
- 10:15 - 10:30 Podvodna buka općenito: podjela i značajke i utjecaj na biološke resurse u moru (P. Vukadin, vanjski suradnik)
- 10:30 - 10:45 Praćenje kontinuirane podvodne buke u Republici Hrvatskoj (V. Dadić, IOR)
- 10:45 - 11:15 Soundscape projekt: Ključne riječi, ciljevi, aktivnosti i ishodi (V. Dadić, IOR)
- 11:15 - 11:30 Program mjerenja podvodne buke u Soundscape projektu (S. Muslim, IOR)
- 11:30 - 11:45 Pohrana i prikaz podataka u Soundscape projektu (D. Ivanković, IOR)
- 11:45 - 12:15 Pauza za kavu
- 12:15 - 12:30 Rezultati istraživanja osjetljivih vrsta (dupini i kornjače) (I. Isajlović, IOR)
- 12:30 - 12:45 Rezultati prostorno-vremenskog modeliranja podvodne buke (H. Mihanović, IOR)
- 12:45 - 13:00 Integracija podataka i alati za podršku u odlučivanju (P. Vukadin, vanjski suradnik)
- 13:00 - 13:15 Podrška u primjeni ODMS za D11 u Hrvatskoj i problematika impulsne buke (V. Dadić, IOR)
- 13:15 - 14:00 Rasprava i zaključci (Moderatori: H. Mihanović i P. Vukadin)
- 14:00 - 15:00 Ručak za sudionike

DOSTAVNA LISTA

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Facebook post



Soundscape
30 giugno · 🌐

⋮

👉 Our project partner Croatian Ministry of Economy and Sustainable Development organized in Split on 17th of June 2021 the event "The underwater noise and its impact on the marine biological resources", about project Soundscape, involving policy makers.




165
Persone raggiunte

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Interazioni

Metti in evidenza il post


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Event published on SOUNDSCAPE website

PRESENTATION OF THE PROJECT RESULTS TO POLICY MAKERS.


Published on 08/07/2021 (last modified 09/07/2021)

[BACK TO ALL EVENTS](#)

START DATE
Jun 17, 2021 h.10

PLACE
Radisson Blu Resort & Spa, Split.

ADDRESS
Put Trstenika 19, 21000, Split, Croazia



The project Soundscape will be promoted to the policy makers in Split on 17th of June 2021 in workshop called "The underwater noise and its impact on the marine biological resources", organized by our project partner Ministry of Economy and Sustainable Development.

Conclusion

The last part of the meeting was dedicated to discussions on underwater noise in the Adriatic Sea problem with stakeholders. It was pointed out that the present stakeholders were part of the nature conservation sector, and some of the participants from the national and nature parks said that they became aware of that problem just recently and they are realizing it now how big the problem is. So, it was decided to organized a presentation of the project results to the authorities with particular focus on the implementation of the Marine Strategy Framework Directive, in respect to Descriptor 11.

Event in Rome

Agenda



SOUNDSCAPE

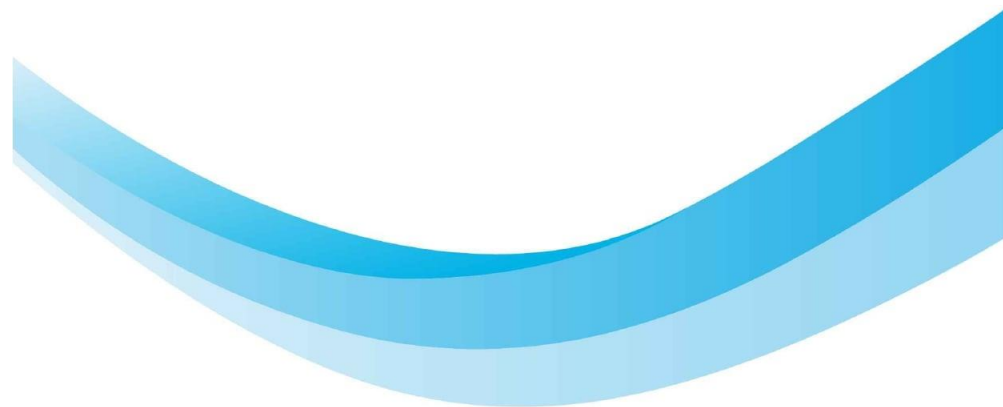
Soundscapes in the North Adriatic Sea and their impact on marine biological resources

Presentazione dei risultati del Progetto SOUNDSCAPE Stakeholder Meeting

CNR – Aula Marconi – Piazzale Aldo Moro 7
16 Novembre 2021 – 10:00 – 13:00

AGENDA

- 10:00 - 10:20 **Welcome e Introduzione**
Fabio Trincardi (Direttore DSSTTA)
Emilio Campana (Direttore DIITET)
Rosalia Santoleri (Direttore CNR-ISMAR)
- 10:20 - 10:30 **Il progetto Interreg Italia-Croazia SOUNDSCAPE** (video)
10:30 - 11:10 **I risultati del progetto SOUNDSCAPE** (Fantina Madricardo, CNR-ISMAR)
11:10 - 11:20 **Q&A**
- 11:20 - 11:40 *Coffe break*
- 11:40 - 11:50 **Il progetto H2020 SATURN** (Mario Felli, CNR-INM)
11:50 - 13:00 **Tavola Rotonda: "Il problema del rumore sottomarino, lo status quo e le prospettive future"** – (Moderatore: Andrea Barbanti, CNR-ISMAR)



Photo



Event on SOUNDScape website


SOUNDScape STAKEHOLDERS MEETING

Published on 02/11/2021 (last modified 03/11/2021)

[BACK TO ALL EVENTS](#)

Piazzale Aldo Moro, 7
Piazzale Aldo Moro, 7, 00185 Roma, RM

Sapienza Università di Roma



START DATE
Nov 16, 2021 h.10:00

END DATE
Nov 16, 2021 h.13:00

PLACE
CNR - Aula Marconi

ADDRESS
Piazzale Aldo Moro 7 (Rome)

National Research Council (CNR) will presents SOUNDScape results at stakeholders in Rome on November 16th.

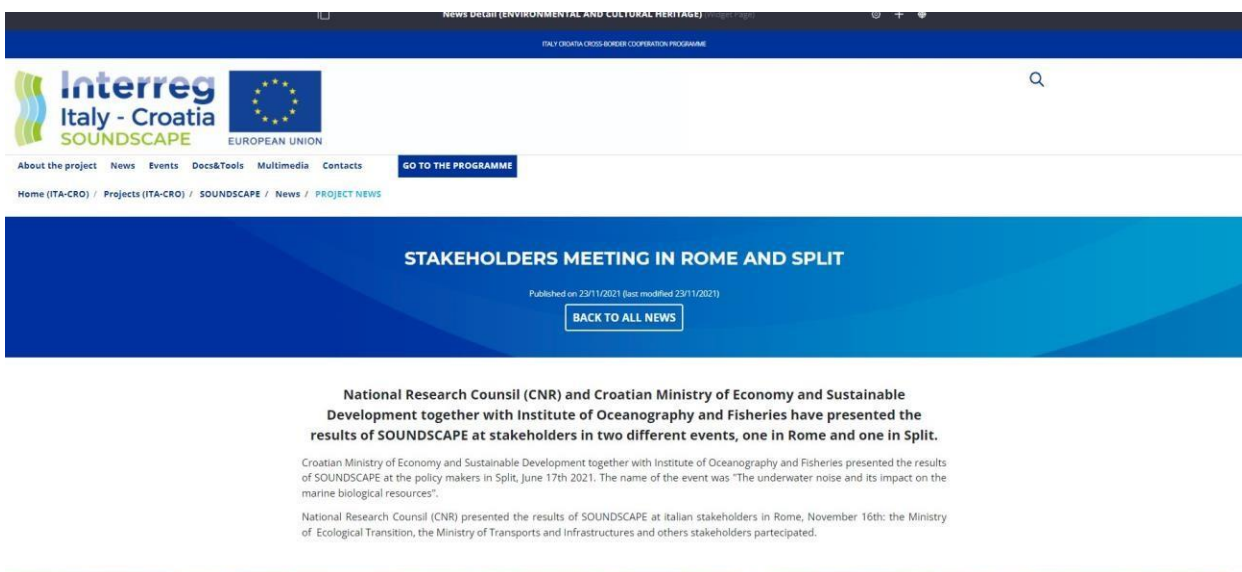
SOUNDScape Stakeholder Meeting

CNR - Aula Marconi - Piazzale Aldo Moro 7

November 16th, from 10:00 am to 01:00 pm.

Facebook post





The screenshot shows a news article on the SOUNDSCAPE website. The page features a blue header with the project logo and navigation menu. The main content area has a blue background with the title 'STAKEHOLDERS MEETING IN ROME AND SPLIT'. Below the title, there is a 'BACK TO ALL NEWS' button and a short summary of the event. The summary states that the National Research Council (CNR) and the Croatian Ministry of Economy and Sustainable Development, along with the Institute of Oceanography and Fisheries, presented the results of SOUNDSCAPE at two stakeholder meetings in Rome and Split.

NEWS DEBIT (ENVIRONMENTAL AND CULTURAL HERITAGE) [Print Page](#)

ITALY-CROATIA CROSS-BORDER COOPERATION PROGRAMME

Interreg Italy - Croatia SOUNDSCAPE EUROPEAN UNION

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STAKEHOLDERS MEETING IN ROME AND SPLIT

Published on 23/11/2021 (last modified 23/11/2021)

[BACK TO ALL NEWS](#)

National Research Council (CNR) and Croatian Ministry of Economy and Sustainable Development together with Institute of Oceanography and Fisheries have presented the results of SOUNDSCAPE at stakeholders in two different events, one in Rome and one in Split.

Croatian Ministry of Economy and Sustainable Development together with Institute of Oceanography and Fisheries presented the results of SOUNDSCAPE at the policy makers in Split, June 17th 2021. The name of the event was "The underwater noise and its impact on the marine biological resources".

National Research Council (CNR) presented the results of SOUNDSCAPE at Italian stakeholders in Rome, November 16th: the Ministry of Ecological Transition, the Ministry of Transport and Infrastructures and others stakeholders participated.

Conclusion

All the invited stakeholders (included 2 of MITE, 3 of ISPRA, 1 of Italian Navy, 1 of MIT and the University of Genoa) expressed their high appreciation for the results of the SOUNDSCAPE project. In particular, the ISPRA representative of the MSFD TG Noise Dr. Fabrizio Bersani highlighted the importance of the Soundscape dataset also in view of the MSFD monitoring program in the Mediterranean. All the participants agreed to be more coordinated also at the national level with respect to the underwater noise pollution issue and in the exploitation of the project results.

Event in Zagreb

Photo



Agenda

AGENDA

- 11:00 Welcoming speech (Aljoša Duplić, director of the Institute for Environment and Nature, MESD)
- 11:05 Introducing of participants
- 11:10 Overview of the Project (Vlado Dadić, IOF)
- 11:25 Underwater noise: classification, characteristics and its impact on marine biological resources (Predrag Vukadin, IOF)
- 11:50 Results of the underwater noise monitoring program (Hrvoje Mihanović, IOF)
- 12:15 Results of spatio-temporal modeling of underwater noise (Hrvoje Mihanović, IOF)
- 12:40 Coffee break
- 12:55 Results of research on the impact of underwater noise on sensitive species (bottlenose dolphins, turtles (Grgur Pleslić, BWI)
- 13:20 Soundscape project and Croatian underwater noise monitoring (continuous and pulse) in the application of ODMS and IMAP (BK) in the Republic of Croatia (Vlado Dadić, IOF)
- 13:45 Discussion and closure
- 14:30 Lunch

Minutes



SOUNDSCAPE

Soundscapes in the North Adriatic Sea and their impact on marine biological resources

MINUTES

"Underwater noise and its impact on marine biological resources", workshop for protected areas / natural heritage management bodies, universities and research institutes and NGOs

Split, 17th June 2021

MINUTES OF THE MEETING

Presentation of the project Soundscape for policy makers was organized by project partner Ministry of Economy and Sustainable Development (PP6) in Zagreb on 15th of November. The meeting was held in Hotel International. The workshop was part of the D2.4.2. Presentation of the project results to policy makers.

There were 9 different state administration bodies invited: Directorate of Water Management and Marine Protection (MESD), Directorate for Nature Protection (MESD), Energy Directorate (MESD), Ministry of the Sea, Transport and Infrastructure, Ministry of Agriculture, Material Resource Directorate (Ministry of Defence), Service for Military Air and Maritime Traffic (Ministry of Defence), Ministry of Physical Planning, Construction and State Assets and Ministry of Internal Affairs and 4 of them were present at the meeting: Directorate for Nature Protection (MESD), Energy Directorate (MESD), Material Resource Directorate (Ministry of Defence) and Ministry of Physical Planning, Construction and State Assets.

Welcoming speech was given by Mr Aljoša Duplić, director of the Institute for Environment and Nature from MESD, which organized the meeting.

After the participants introduced themselves, Mr Vlado Dadić, project manager, gave overview of the project Soundscape. From the introductory presentation we saw the difference between the traffic density in the Adriatic in 2019 and in the pandemic 2020.

Mr Predrag Vukadin held the introduction lecture on underwater noise: classification, characteristics and its impact on marine biological resources.

Mr Hrvoje Mihanović had presentation on underwater noise monitoring program and the second one was on results of measurement and spatio-temporal modeling of underwater noise. A discussion on the availability of data was initiated, as the representative of the Energy Directorate Ms Leško pointed out that the Ruđer Bošković Institute collects environmental data around natural gas exploitation platforms owned by oil and gas company "INA" in north Adriatic Sea, including the underwater noise data, and a part of the data is publicly available on request. The representatives of IOF pointed out that this data wasn't available to them. Mr Katušić from Institute for Environment and Nature, MESD said that maybe the problem wasn't the availability of data but in the fact that there is no knowledge of the existence of certain data therefore we cannot even know what is available to us if we do not know what data exists.

After the coffee break Mr Grgur Pleslić from the Blue World Institute presented the results of research on the impact of underwater noise on sensitive species (bottlenose dolphins, turtles). The research was conducted by the Blue World Institute.

The last presentation was held by Mr Dadić about Soundscape project and Croatian underwater noise monitoring (continuous and pulse) in the application of ODMS and IMAF (BK) in the Republic of Croatia.

Ms Kovačić from the Ministry of Physical Planning, Construction and State Assets had a question regarding the environmental impact assessment and underwater noise and whether the introduction of regulations for the marine environment is being considered. Ms Uroš from Directorate for Nature Protection (MESD), said that they are working on it, but since she does not work directly on those jobs, she cannot say more information with certainty.

At the end, Mr Katušić thanked everyone for coming and stressed the importance of mutual cooperation, communication and data flow. He repeated the position of the Institute for Environment and Nature that all data paid with public money should be publicly available and in that sense all data that the Institute has within the Soundscape project, and in general, are available to the public.

Conclusion

During this meeting the most important issue discussed certainly concerned data: from the lack of usability to the lack of sharing. MESD (Institute for Environment and Nature) said that the problem wasn't the availability of data but that there is no knowledge of the existence of certain data. Considering this, at the end, Mr Katušić stressed the importance of mutual cooperation, communication and data flow. MESD also proposed not only to share the data but also to share the reports with the final results of the project in their website. Everyone agreed that it is important that all data paid with public money should be publicly available and in that sense all data available to the public.