



Annual Report, 2020

09.04.2021

NOSP raised a total of 254.000 NOK in 2020. We increased from 21 to 31 corporate sponsors between 2019 and 2020. 8 pledged companies are in arrears at the time of writing. The paid sponsorships in 2020 were from the following companies:

3D at Depth, ANKO, Atlas Professionals, BSA, Clinton, DeepOcean, DOF Subsea, EIVA, Equinor, Fugro, Imenco, iSurvey, iTech7, iXblue, Kongsberg, MMT, Norbit, Ocean Installer, Oceaneering, R2Sonic, RTS, Saab, Statnett, UTEC, UTM Consultants

In a normal year, 80% of this investment goes straight into the events, covering the cost of location rental and food. The remaining 20% covers administrative costs including accounting/banking, website fees, and speaker gifts. The board takes no remuneration for our efforts.

2020 was not a “normal” year.

For 2020 we forecasted a loss of -52.000 NOK which was deemed responsible and acceptable given our proven liquidity and consistent growth as an organisation over the past years. It is our intention each year to “break even” and invest as much back into the community as we receive, and it was our plan to invest further than usual by sponsoring additional tickets and travel for under-30s to attend our annual dinner as well as resume previous plans for a “University Road Show” - traveling to institutions of higher learning to promote the industry as an attractive workplace for the future.

The unexpected movement online of 5 of our planned 7 events due to the global outbreak of the novel Coronavirus, however, negated the validity of our budget. We finished the year with a profit of +88.000 NOK and were unable to complete either the annual dinner or the road show as planned.

We responded quickly to the changing pandemic situation and from March 2020 transferred all of our events to an online format utilizing a streaming studio called “StreamYard” which allowed us to host live events on YouTube. We also provided a chatroom service via Discord to mimic the mingling and socializing that normally occurs at our events.

In lieu of the traditional annual dinner (which had record attendance of 91 people in 2019!), NOSP offered free tickets to all employees of our corporate sponsors to the IMCA seminar November 3-5 2020, “Sustainability : The Subsea Industry and the Evolution of Energy”.

The online events have drawn larger crowds than in-person events allow for as we are able to reach a global audience. We consistently see live attendance rates of close to 100 people and recordings reach many hundreds more on YouTube. Our cooperation with the Hydrographic Society of Scotland throughout this past year has also significantly contributed to our increase in attendance.

I would like to reiterate my heartfelt “Thanks” for your continued support of NOSP as a meeting place for the exchange of ideas and developments in this industry. Corporate sponsors are invited to renew their sponsorship of NOSP for 2021 at half the normal rate (5.000 NOK) as we forecast continued reduced running costs throughout the upcoming year.

We are safeguarding your investment in these challenging times and investing it into our community. Join us at the AGM on April 22nd 2021 to check out how we are doing and give us guidance. You can always reach us by mail or on LinkedIn.

Kind regards,

Celina Thom, Chairman
on behalf of the Board:

John Vint, Martin Wikmar, Elizabeth Swann, Odd Knudsen, Stuart Duncan, and Paul Raistrick

Complete list of presentation titles and speakers from 2020:

23.01.2020 – Oslo

- **NORCE** “Distributed Fibre Optical Sensing – the past, the present and new Developments” – Peter J. Thomas
- **Statnett** “Distributed Acoustic Sensor (DAS)/ Distributed temperature sensing (DTS) for temperature and vibration monitoring of sea cables. Experiences from Oslo Fjord and Skaggerrak 4” – Tony Lucignano and Ole Petter Hobberstad
- **Nexans** “GIS for Submarine Cable Installation” – Marit Akkerholdt
- **Equinor** “Equinor Brazil and Deepwater projects; Survey experiences and Challenges” – Anders Hornslien and Stein Erik Skattum

27.02.2020 – Trondheim

- “Utilise a Corporate GIS Database for CAD Users”, by Stipica Pavicic, **Norkart**
- “Trondheimsfjorden Test Site for Underwater Drones”, by Asgeir Sørensen, **NTNU**
- “Pipeline Inspection using Underwater Hyperspectral Imager”, by Paul Sverre Kallevik, **Ecotone**
- “Monitoring System to collect Metocean data to find the Best Design Criteria for Very Complex Constructions”, by Lasse Lønseth, **Fugro**

12.03.2020 – Online

- Jonathan Morvan, **Comex Innovations** – Applying photogrammetric techniques to deep sea mining nodules classification and countings.
- Jone Vikingstad, **DeepOcean** – Mimir; a Video Management Platform for Ocean Exploration
- Rich Lear, **DOF Subsea** – Deep Water Survey Operations; Challenges and Results

23.04.2020 – Online

- Matt Cowing : “Becoming a member of the Royal Institute of Chartered Surveyors (RICS): a path to accreditation“
- Glenn Kristoffersen: “Sensor Data in Digitalisation Domains” **Norse Asset Solution AS**
- Will Best: “Employment market and Outlook during COVID-19” **UTM Consultants**
- Moya Cahill and Alison Brown “Opening up the Black Box – A PanGeo Technology Information Session“ – **Pangeo**
- Erlend Kvinnesland: “Using location intelligence to fight COVID-19” **Geodata**

03.06.2020 – Online

- “IOGP Update – a common industry specification for the calibration & verification of USBL systems” by Walter Jardine (**BP**) and Damian Ling (**Chevron**)
- “Optimising performance of a long range Ultra Short Baseline tracking and telemetry system” by Alan MacDonald, **Sonardyne**
- “Sparse LBL: How to enhance subsea positioning performance” by Jim Titcomb, **IxBlue**

19.08.2020 – Online

- “Subsea SLAM and Machine Learning Technology, closing the loop for a truly autonomous future” by Mike Gallo, **ROVCO**
- “Subsea Inspection of offshore installations utilising remote services” by Dan Jones, **Fugro**



08.10.2020 – Online

- Geraint West, **Sonardyne** “Current Measurements with PIES”
- Andrew Gowland, **Fugro Measurements** “Wind and Wave Monitoring”
- Trym Bruset and Andrew Wallace, **Miros Group** “A New Approach to Wave Partioning”