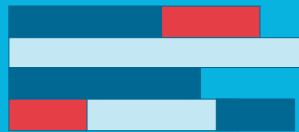


ANNUAL REPORT



ONTARIO
SOCIETY
OF PROFESSIONAL
ENGINEERS

BEHIND EVERY GREAT ENGINEER.



ABOUT



ABOUT THE ONTARIO SOCIETY OF PROFESSIONAL ENGINEERS

The Ontario Society of Professional Engineers (OSPE) is the voice of the engineering profession in Ontario. We represent the entire engineering community, including professional engineers, engineering graduates, interns and students who work or will work in several of the most strategic sectors of Ontario's economy.

OSPE elevates the profile of the profession by advocating with governments, offering valued member services and providing opportunities for ongoing learning, networking and community building.

OSPE was formed in 2000 after members of Professional Engineers Ontario (PEO) voted to separate regulatory and advocacy functions into two distinct organizations.



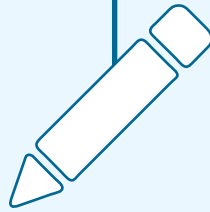
ABOUT THIS REPORT

OSPE's 2016 Annual Report provides an overview of the Society's work and impact from January 1 through December 31, 2016. This report was prepared for distribution at OSPE's Annual General Meeting on May 4, 2017, and outlines how the organization's initiatives and activities met the tactical goals laid out in its five-year Strategic Plan.

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MESSAGE FROM THE CEO



In 2016, Ontario's engineers made great strides for the profession and for society by using your voices and expertise to reclaim your rightful place as leaders of change and captains of industry through OSPE.

With your help, OSPE was able to foster new relationships with organizations as diverse as the Brookfield Institute, Siemens Canada and General Motors. We forged stronger ties with universities and engineering student societies across the province. We leveraged each of our meetings with government and industry to get exclusive invites to events like the 2016 Mining and Innovation Summit, and to secure time before bodies like the Ministries of Energy and Infrastructure to initiate important policy discussions.

With the insights and expertise of our members, we compiled credible, evidence-based reports and submissions that brought a new focus to the areas of coding, electricity pricing, cap-and-trade, the engineering skills gap and the effective management of excess soil, to name a few.

While OSPE intends to continue building on this momentum, we face the challenge that membership has only increased slightly over the last year. Somehow, the engineering profession is not recognizing the need for advocacy, especially at a time when all levels of government are looking to make significant investments in infrastructure, innovation, climate change mitigation and other societal issues affecting us all.

OSPE calls on Ontario's engineers to recognize that active membership translates into a direct investment in the perceived and real value of the engineering profession. We strongly believe that as innovative problem solvers, there is no challenge too great for Ontario's engineers. Together, we have the expertise and resources required to elevate the engineering profession back to the levels of respect, recognition and compensation it deserves. By supporting OSPE, you confidently demonstrate to the province and to the next generation of engineering graduates that Ontario's engineers not only have the solutions to today's most pressing challenges – engineers are the solution.

A handwritten signature in dark ink that reads 'Sandro Perruzza'.

Sandro Perruzza, CEO
Ontario Society of Professional Engineers

MESSAGE

FROM THE PRESIDENT & CHAIR



As the outgoing President and Chair of OSPE's Board, I am proud and humbled to reflect on the strides that, together, we have been able to make for the engineering profession over this past year.

It is safe to say that we are living in a world of great challenge, change and opportunity. With ongoing societal challenges in infrastructure, the environment, transportation and energy, OSPE is working to elevate the profile and influence of the engineering profession, so that

Ontario's engineers are in a better position to drive change in each of these sectors. The need for sound engineering applies not only to actual projects, but also to the planning and decision making processes that proceed them.

Embracing every opportunity to leverage the collective experience and skills of our membership, OSPE has not only increased the number of comprehensive briefs presented to government, but has also refined the quality of submissions. OSPE continues to provide actionable and evidence-based recommendations for the economic and social advancement of the profession and of society as a whole.

OSPE is also amplifying its programs to further support entrepreneurship, career growth and professional development for engineers, engineering students and engineering graduates from all fields and walks of life, with particular emphasis on women in engineering. I have been particularly awed during this past year of service by the broad scope of engineering activities taking place in Ontario, which are only further elevated by the diverse profile of engineers practising their trade. Whether it is mining in northern Ontario, tunnelling beneath our metropolitan cities, or working on cyber security and smart grid systems, the dedication and service of our members is to be celebrated.

Greater public familiarity with our profession brings with it greater recognition of the need for engineering input in policy-making processes. I encourage each of you to spread the word amongst your peers that by contributing each of our individual voices and expertise as members of OSPE, we strengthen OSPE's ability to be the most impactful and representative voice for the engineering profession in Ontario. As we celebrate Canada's 150th, we should feel proud about the magnitude of Canadian engineering innovation – past, present and future – that we are able to showcase and commemorate. Thank you for allowing me to represent you as President and Chair of OSPE. I look forward to seeing the organization continue to grow and gain influence in 2017.

A handwritten signature in black ink, reading "M. Monette".

Michael Monette, P.Eng., President and Chair
Ontario Society of Professional Engineers

THANK YOU

2016-2017 BOARD OF DIRECTORS



From left to right, front row

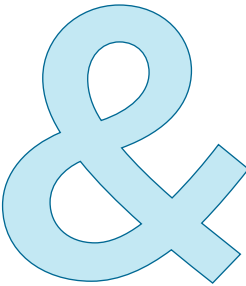
Ronald Clifton, P.Eng., Shelly Deitner, P.Eng., Sue Tessier, P.Eng., Karen Chan, P.Eng., Sandra Ausma, P.Eng., Emily Thorn Corthay, P.Eng., Peter Marcucci, P.Eng.

From left to right, back row

Helen Wojcinski, P.Eng., Jonathan Hack, P.Eng., Milica Radisic, P.Eng., Matthew Jelavic, P.Eng., Michael Monette, P.Eng., Steven Rose, P.Eng.

Not pictured: Jim Chisholm, P.Eng.

GENEROUS SPONSORS



VOLUNTEERS

Platinum



thePersonal

Home and Auto Group Insurer

Gold



Silver



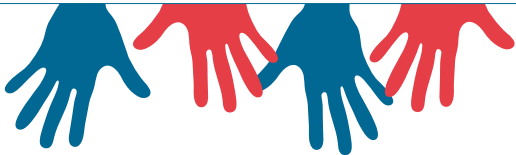
Bronze



Supporting



Thank you to all of our dedicated volunteers. For a full list of names, please visit: www.ospe.on.ca/volunteers.



OSPE'S STRATEGIC GOALS



CREATE MEMBER VALUE

Meet the needs of the engineer at all stages of one's career



RAISE PUBLIC AWARENESS

Elevate the understanding and appreciation of the engineering profession in Ontario and its contribution to the public interest



FOCUS ON PUBLIC POLICY

Ensure engineers are viewed as trusted experts to influence government and promote policies that benefit the public and the profession



FOCUS ON COMMUNITY ENGAGEMENT

Build engaged communities for engineers



In 2016, OSPE engaged members and stakeholders in dialogue in order to bolster awareness and credibility and ultimately gain new members. By ensuring all of the Society's initiatives fit under a strategic goal, OSPE aims to:

- Become the association of choice for the entire engineering community in Ontario




- Promote the employment of engineers and support them at every stage of their careers

- Get more engineers talking to amplify their voice in government policy and planning discussions, as well as in the media

- Prepare members for new demands and expectations with competitive professional development



CREATE MEMBER VALUE



1 Professional Development & Career Services



Engineering Employment Event (E3)

2 Engineering Employment Events (E3s)

3
events

32
employers

384
job seekers

Testimonials:

"The event was worthwhile for us to attend as we have identified candidates who we think could possibly be valuable to our team. We would be interested in attending OSPE E3s in the future." – **Control Systems International**

"The event was great. This was an excellent opportunity for the Windsor-Detroit Bridge Authority to reach out to our community and discuss employment opportunities. Special thanks to OSPE for hosting this event. I'm certain we will consider participating in future events." – **Windsor-Detroit Bridge Authority**

"Thank you for everything OSPE – it was a pleasant experience." – **MEDA Engineering & Technical Services**

3 New Member Benefits

venng
memberperks®

\$58,000

OSPE members' combined estimated total monthly savings, Oct. 1st – Dec. 31st, 2016

Member satisfaction rate

Success Measure

Increase member satisfaction rating from 76% to 85% over a five year period.

76%
2014

79%
2015

82%
2016

RAISE PUBLIC AWARENESS



#AnEngineerWasHere

www.AnEngineerWasHere.ca



Everywhere you



OSPE's first
interactive public
awareness campaign

Almost

1 million

impressions online of hashtag
#AnEngineerWasHere in one day



1.2 million

weekly listeners heard OSPE's
radio traffic tags on 680 News



More than

25,000

impressions through campaign media coverage



12,000

face-to-face interactions with
the public in downtown Toronto



33,695

impressions via #AnEngineerWasHere
banner ad on NEWSTALK1010 website



1.3 million

impressions of #AnEngineerWasHere
tag on Toronto Transit Commission screens



430 Tweets

169 Facebook posts

Over
40 Instagram posts
on the first day of
the campaign

All of Ontario joined in online to promote OSPE's message that everywhere you look, **#AnEngineerWasHere**

Ontario's engineering schools and student societies – UOIT



Influential political figures –

Marilyn Gladu, P.Eng., MP, first female engineer elected to parliament, and Hon. Rona Ambrose, Conservative Party Leader



Steven Blaney, P.Eng., MP and Jamie Schmale, MP

Engineering employers – Xerox



Xerox Canada @Xerox_Canada · 20 Sep 2016
Celebrating the hard work of our dedicated engineers at the #XRCC #AnEngineerWasHere xerox.bz/2CW6KNX pic.twitter.com/WySQarVkyC

2016 Media Coverage



7.2 million+

Total audience reached through media coverage

19



Number of media stories in 2016

\$98,000+

Total advertising value of media coverage

3



Number of new media relationships formed

For a full list of OSPE's 2016 media coverage, visit www.ospe.on.ca/media

Publicizing the work and accomplishments of Ontario's engineering community

Story categories

The Voice magazine and Society Notes blog

• Professional Engineers → **54**

• Other OSPE members → **42**

(engineering interns, graduates, subject matter experts and students)

• Engineering projects and employers → **31**

• Advocacy and political issues that impact engineers → **31**

Total

158



#AnEngineerWasHere – UoT's *Cannon News* joined & interviewed Sandro Perruzza, CEO, on site



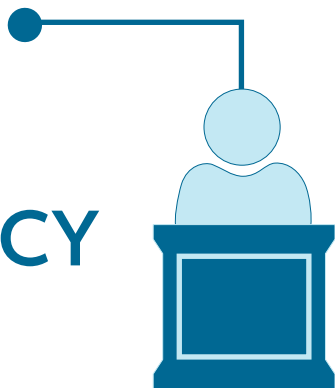
OSPE/subject matter expert impressions in media

Success Measure

Improve the stature and prevalence of the engineering profession in the media by increasing “subject matter expert” impressions by 20% over the next five years.



FOCUS ON PUBLIC POLICY



Government Relations

- Delivered 2016 pre-budget submission in a private meeting with Ontario's Minister of Finance Charles Sousa, encouraging government to consult with and leverage the expertise of engineers.
- Organized 17 meetings between Political Action Network (PAN) representatives and Members of Provincial Parliament (MPPs) across Ontario, and recognized OSPE volunteers including PAN, committee and task force members at OSPE's most successful Queen's Park Reception, with 40 MPPs in attendance.



Energy



- Met with Ontario's Minister of Energy Glenn Thibeault to discuss engineering solutions to reduce hydro rates and restore power system planning and design decision making authority to engineers in the Ontario Public Service and energy-related government agencies
- Presented energy policy recommendations to the Ontario Progressive Conservative Policy Advisory Committee and key members of the PC Caucus at the request of the Leader of the Official Opposition, MPP Patrick Brown
- Spearheaded a report on how the province can reduce greenhouse gas emissions entitled *Ontario's Energy Dilemma: Reducing Emissions at an Affordable Cost*
- Provided the Standing Committee on General Government with input on *Bill 135, Energy Statute Law Amendment Act, 2016* and *Bill 161, Elimination of Ground Current Pollution Act, 2016* in relation to energy conservation and long-term energy planning
- Energy Task Force members played a pivotal role in driving policy conversations with the Ministry of Energy on electricity pricing in Ontario

Women in Engineering



- Delivered a submission to the Gender Wage Gap Steering Committee that was featured on the Government of Ontario's website
- Joined allied organizations by providing a letter of support for *Bill C-243: The National Maternity Assistance Program*, a private member's bill put forth by MP Mark Gerretsen for women working in hazardous jobs who become pregnant
- Continued work on a two-year Pilot Mentorship Program funded by Status of Women Canada, enabling 90 mentoring relationships between recent engineering graduates and experienced professional engineers in 23 communities across Ontario. To date, 15 proteges have found employment in their field

Environment and Climate Change



- Issued two open letters, first to Ontario's Minister of Environment and Climate Change Glen Murray and second to Premier Wynne, expressing concern about the absence of engineering input regarding the development of Ontario's Climate Change Action Plan and the cap-and-trade program, which led to a meeting with the Minister to discuss these issues
- Provided key input on *Bill 172, The Climate Change Mitigation and Low-Carbon Economy Act, 2016* underlining the importance of systems integration and the role engineers must play in order to achieve program success

Infrastructure



- Met twice with Ontario's Attorney General Yasir Naqvi to discuss the Construction Lien Act Review Report and advocate that engineering services should not be subject to holdback of payment upon completion, offering language for rewriting the Act to the benefit of the individual engineer
- Met with Ontario's Minister of Infrastructure Bob Chiarelli to discuss Ontario's Long-Term Infrastructure Plan and the disbursement of Phase II Federal Infrastructure investment, lobbying for outcomes-based decision making and the prioritization of key projects

Research and Innovation



- Issued a submission to the Premier's Highly Skilled Workforce Strategy Expert Panel on how Ontario should support workers in the knowledge economy
- Fostered relationships with important players in the research and innovation space and prepared articles for OSPE's *Society Notes* blog on McMaster's Manufacturing Research Institute; Siemens Canada's Dual Education program; and Ryerson University's Master of Engineering Innovation and Entrepreneurship

Ring of Fire



- OSPE's CEO attended the invitation-only Mining Innovation Summit that was organized by the Ministry of Northern Development and Mines. With representatives from government, academia, the mining sector, and First Nations communities, the event was an opportunity to exchange ideas on how mining and related industries can prepare for when the sector recovers and showcased the importance of the sector to Ontario's current and future economy
- OSPE subsequently built a relationship with the Deputy Minister of Northern Development and Mines David De Launay which led to plans to host an event in North Bay in 2017 to bring together engineering, industry, government, academic and First Nations leaders for an important discussion on the future of Ontario's north

Published reports, policy papers, position submissions and consultation invitations

Success Measure

Increase the number of published reports, policy papers, position submissions and consultation invitations by 20% over five years.

32
2014

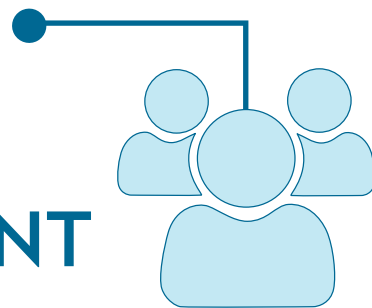
42
2015

50
2016



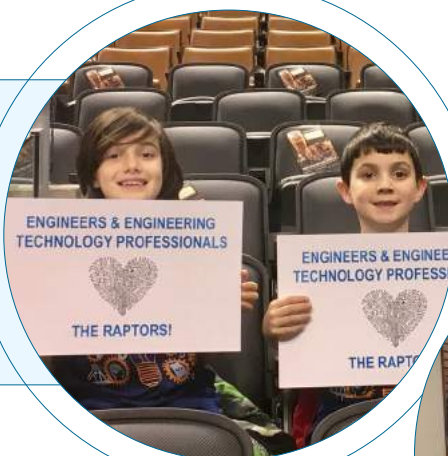
FOCUS

ON COMMUNITY ENGAGEMENT



2,500+

OSPE members engaged
at Society networking events



20 events & information sessions

for 1,500+
engineering students

Participated in **21**
PEO Chapter Events



13 industry trade shows,
engaging an audience of more
than 100,000 with OSPE's
mandate and accomplishments

30+ engineering employers

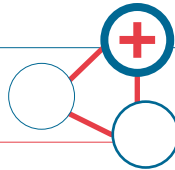
engaged through Professional Development &
Engineering Employment Events (E3s)

Strategic Partners



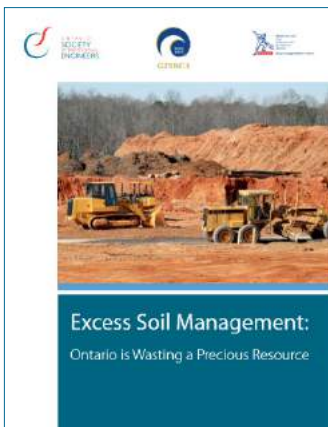
1

Creating new connections



2

Partnering to foster sustainable practices



- Prepared a study on excess soil management to ensure sustainable practices are used in the design and construction of Ontario's infrastructure projects
- In collaboration with:



The Greater Toronto Sewer and Watermain Construction Association (GTSWCA)



RESIDENTIAL AND CIVIL CONSTRUCTION ALLIANCE OF ONTARIO
Constructing Ontario's Future

Residential and Civil Construction Alliance of Ontario (RCCAO)

3 Celebrating women in engineering



- Showcased three accomplished women engineering-degree holders and entrepreneurs whose research and innovations are making waves in the biotechnology and health care sectors
- In collaboration with:



4 Supporting International Engineering Graduates (IEGs)



- Received \$300K+ grant from Ontario Ministry of Citizenship and Immigration to design and create a course for International Engineering Graduates (IEGs), technologists and geoscientists – *Skills and Jobs: Working in Ontario's Environment Sector*
- In collaboration with:



Ontario Association of
Certified Engineering
Technicians and
Technologists

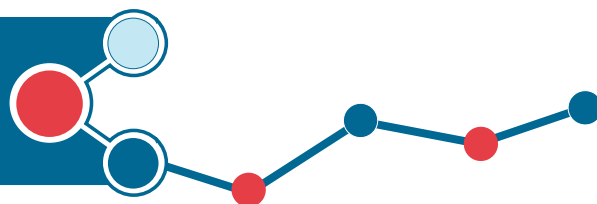


Ontario Environmental
Industry Association



Association of Professional
Geoscientists of Ontario

Social Media Engagement



Society Notes blog

- Engaged the engineering community and beyond with 178 blog posts in 2016
- 31 corporate and subject matter expert guest blog posts
- Over 58,500 blog views in 2016
- Average of 160 blog views per day



Twitter

- Total impressions in 2016: 751,100
- Total mentions in 2016: 1,607
- Total profile visits in 2016: 31,573
- New followers in 2016: 506
- Total followers as of Dec. 31, 2016: 3,094



Facebook

- New page likes in 2016: 2,562
- Total page likes as of Dec. 31, 2016: 6,995
- Average post reach: 5,271
- Total number of likes to page posts: 25,200



Instagram

- Followers: 217
- Number of posts: 89
- Total page likes: 1,705
- Number of comments: 77



LinkedIn

- New followers of company page: 584
- Total followers as of Dec. 31, 2016: 2,319
- Average page views per month: 115

Community initiatives and partnerships

Success Measure

Increase OSPE community initiatives and partnerships with other engineering groups, affiliated partners, and engineering and learned societies by 50% over the next five years.

20
2014

35
2015

80
2016

FINANCIALS

REPORT OF THE INDEPENDENT AUDITOR ON THE SUMMARY FINANCIAL STATEMENTS

To the Members of the Ontario Society of Professional Engineers

The accompanying summary financial statements, which comprise the summary statement of financial position as at December 31, 2016, the summary statements of operations and changes in net assets for the year then ended, and related note, are derived from the audited financial statements of the Ontario Society of Professional Engineers for the year ended December 31, 2016. We expressed an unmodified audit opinion on those financial statements in our report dated April 7, 2017.

The summary financial statements do not contain all the disclosures required by Canadian accounting standards for not-for-profit organizations. Reading the summary financial statements, therefore, is not a substitute for reading the audited financial statements of the Ontario Society of Professional Engineers.

Management's Responsibility for the Summary Financial Statements

Management is responsible for the preparation of a summary of the audited financial statements on the basis described in note 1 of the summary financial statements.

Auditor's Responsibility

Our responsibility is to express an opinion on the summary financial statements based on our procedures, which were conducted in accordance with Canadian Auditing Standard (CAS) 810, "Engagements to Report on Summary Financial Statements".

Opinion

In our opinion, the summary financial statements derived from the audited financial statements of the Ontario Society of Professional Engineers for the year ended December 31, 2016 are a fair summary of those financial statements, on the basis described in note 1 of the summary financial statements.



Chartered Professional Accountants
Licensed Public Accountants

Toronto, Ontario
April 7, 2017

Summary Statement of Financial Position

December 31	2016 (\$)	2015 (\$)
ASSETS		
Current assets		
Cash and cash equivalents	518,956	566,245
Accounts receivable	472,511	381,266
Prepaid expenses	43,218	39,976
	1,034,685	987,487
Investments	1,016,047	1,014,179
Capital assets	33,012	34,519
Intangible assets	87,396	73,120
	1,136,455	1,121,818
	2,171,140	2,109,305
LIABILITIES		
Current liabilities		
Accounts payable and accrued liabilities	254,134	188,998
Deferred revenue - government projects	68,185	106,083
Deferred revenue - membership fees	697,912	599,199
	1,020,231	894,280
Deferred lease incentives	36,703	51,384
	1,056,934	945,664
NET ASSETS		
Invested in capital and intangible assets	98,750	77,320
Internally restricted	980,000	980,000
Unrestricted	35,456	106,321
	1,114,206	1,163,641
	2,171,140	2,109,305

Summary Statement of Operations

Year ended December 31	2016 (\$)	2015 (\$)
REVENUES		
Membership fees	1,109,707	1,169,703
Royalties	937,358	889,356
Government projects	499,764	261,516
Advertising and sponsorship	379,988	457,839
Professional development	194,776	219,280
Career centre	135,461	179,900
Other revenue	41,278	40,056
Investment income (loss)	4,409	(5,861)
	3,302,741	3,211,789
EXPENSES		
Administration	198,188	225,770
Advertising and promotion	197,033	155,355
Amortization - capital assets	11,181	12,014
Amortization - intangible assets	19,287	-
Bank charges	67,949	77,839
Event production	235,254	250,391
Governance	17,771	35,483
Government programs	499,764	261,516
Insurance	118,895	118,619
Professional services	99,609	82,811
Publications	112,470	201,501
Rent	154,771	157,399
Salaries and benefits	1,418,830	1,429,003
Sponsorship	41,542	22,770
Telecommunication	17,905	17,530
Travel and volunteer expenses	141,727	141,015
	3,352,176	3,189,016
Excess of revenues over expenses (expenses over revenues) for year	(49,435)	22,773

Summary Statement of Changes in Net Assets

Year ended December 31	Invested in capital and intangible assets (\$)	Internally restricted (\$)	Unrestricted (\$)	2016 Total (\$)	2015 Total (\$)
Balance, beginning of year	77,320	980,000	106,321	1,163,641	1,140,868
Excess of revenues over expenses (expenses over revenues) for year	(21,807)	-	(27,628)	(49,435)	22,773
Purchase of capital and intangible assets	43,237	-	(43,237)	-	-
Balance, end of year	98,750	980,000	35,456	1,114,206	1,163,641

Basis of presentation

These summary financial statements have been prepared from the audited financial statements of the Ontario Society of Professional Engineers (the "Society") for the year ended December 31, 2016, on a basis that is consistent, in all material respects, with the audited financial statements of the Society except that the information presented in respect of cash flows has not been presented and information disclosed in the notes to the financial statements has been reduced.

Complete audited financial statements are available to members upon request from the Society.



ONTARIO
SOCIETY
OF PROFESSIONAL
ENGINEERS

BEHIND EVERY GREAT ENGINEER.

4950 Yonge Street, Suite 502

Toronto, ON M2N 6K1

info@ospe.on.ca

Tel: 1-866-763-1654

Fax: 1-866-763-1655

ospe.on.ca

blog.ospe.on.ca

