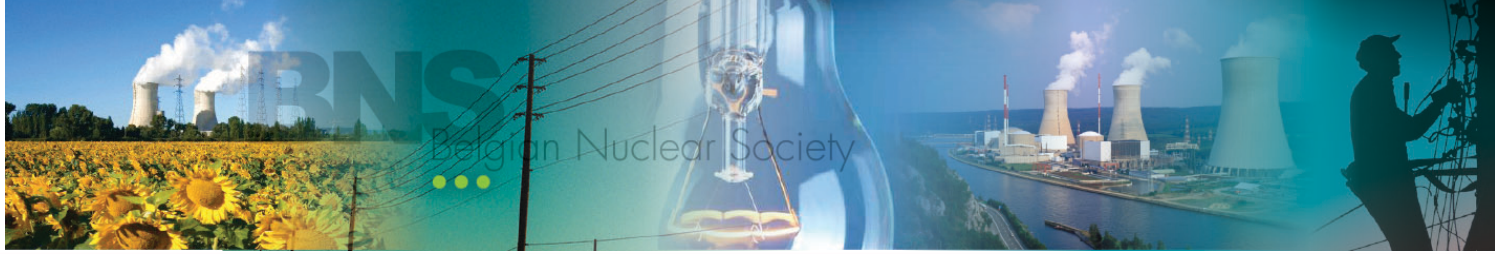


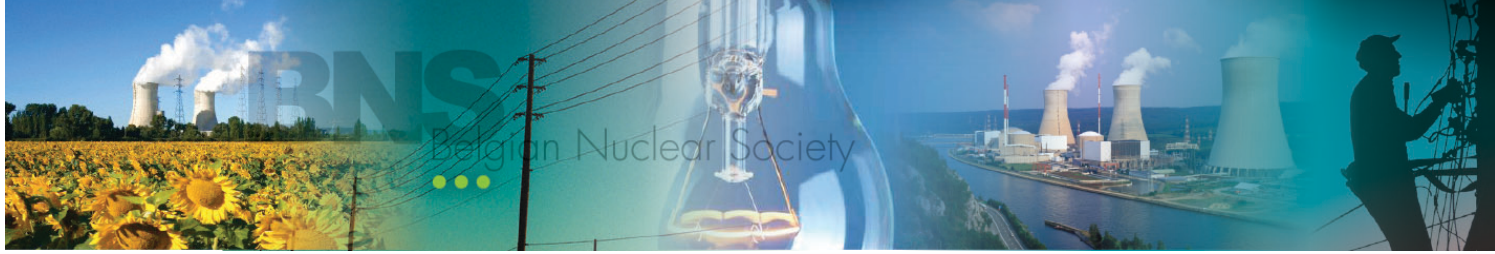
BNS General Assembly

October 2020



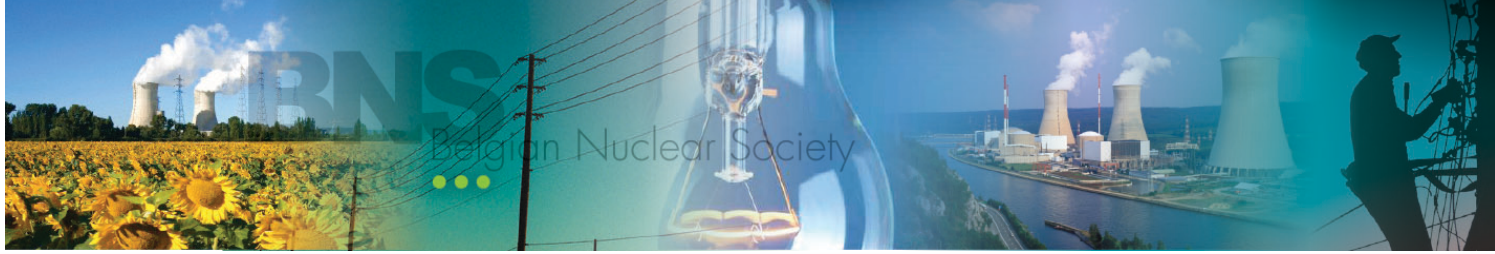


- 1. Report of the chairman
- 2. Report of the Secretary
- 3. Report of the chairman of BNS-YG
- 4. Report of the treasurer and approval of the accounts
- 5. Any other business



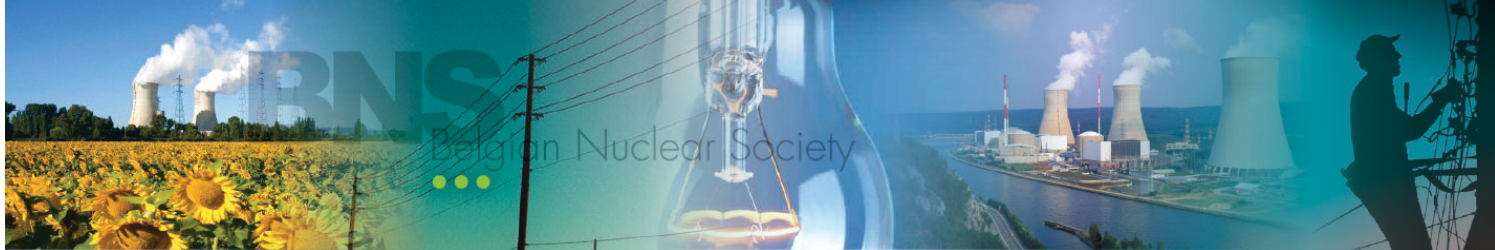
1. This year was VERY special !!!!

- This year 2020, we celebrate **our 50 years** of existence...
- We foresaw to have a really **special event** on 29/10, i.e. today !
- Unfortunately, the Covid-19 crisis did not allow us to do so ! But we do not completely lose this opportunity:
 - Next year at the same period we intend to re-iterate the special event (let us make some surprise about it)
 - This year, we will have a special article in the *ANS Nuclear News* magazine (thanks to the ANS-European liaison officer)
 - This year, our registered members will receive a small surprise in their postal mailbox (keep looking the postman !)



1. This year was VERY special !!!! (cont'd)

- Despite the Corona crisis, the BNS continued his main activities, organizing **remote on-line EVLs** thanks to a core group of the ExCom.
- This year we have also been able to launch our **new WEBSITE** thanks to one of our YG member having a very good knowledge of website design and programming: please thank **Arnaud Paquet** !
- Finally, this year we also started **reviewing our 'old' book** « Comprendre le Nucleaire / Kernenergie begrijpen » thanks to the BNS-YG !



1. Your Current Executive Committee (15 p)

The Trombinoscope
is on the Website !

Vincent Massaut

Michèle Auglaire

Sammy Shihab

Marc Deffrennes

Hans Naômé

Fabio Nouchy

Nicolas Castin

Chairman

Vice-chairman

Past chairman

Liaison Officer

Treasurer

BNS-YG chairman

Secretary

Gerald Degreeef

Marc Deffrennes

Eleonora Lambridis

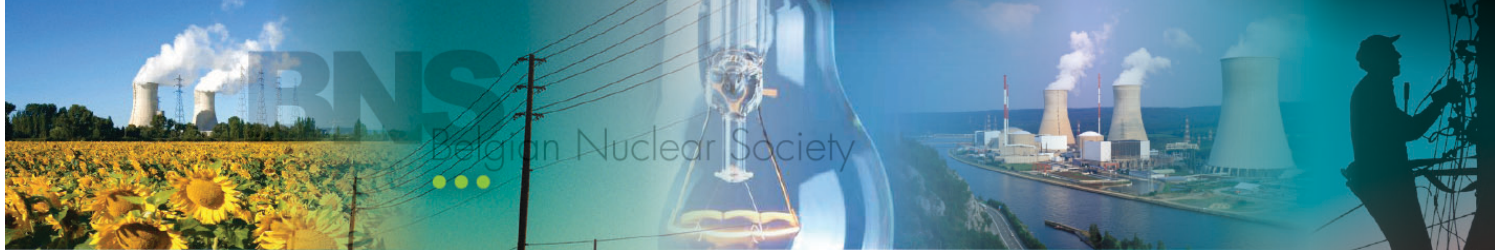
Michel Ceuppens

Yves Crommelynck

Guido Mulier

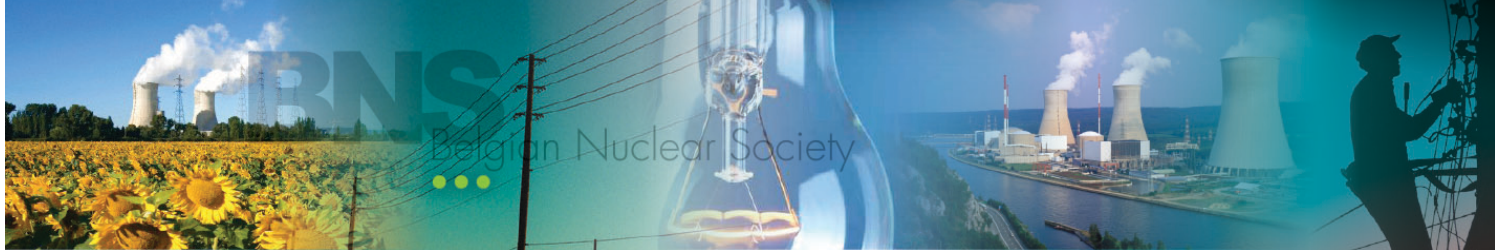
Eric van Walle

Badea Martinotti



Report of the secretary: 2- BNS Activities 2019-2020

Date	Location	Type	Topic	Attendance
23/01/2020	ENGIE tower	EVL	Small modular reactors: challenges and opportunities	60
27/02/2020	ENGIE tower	EVL	Nuclear energy: the dreaming reality	83
26/03/2020	ENGIE tower	EVL	Cancelled for COVID-19 restrictions	
30/04/2020	Video conference	EVL	Reaction to COVID-19 in a Belgian nuclear power plant	115->70
28/05/2020	Video conference	EVL	Thorium: towards sustainable nuclear fission energy	111->73
25/06/2020	Video conference	EVL	The role of nuclear in Europe's energy transition	82->47
24/09/2020	Video conference	EVL	Decommissioning of the Belgonucléaire Mox plant in Dessel	114->68
29/10/2020	Planetarium/ Atomium	Conference	BNS-50 years event : Cancelled for COVID-19 restrictions	
29/10/2020	Video conference	EVL	EU Green deal: from myths to reality	???
Average				67

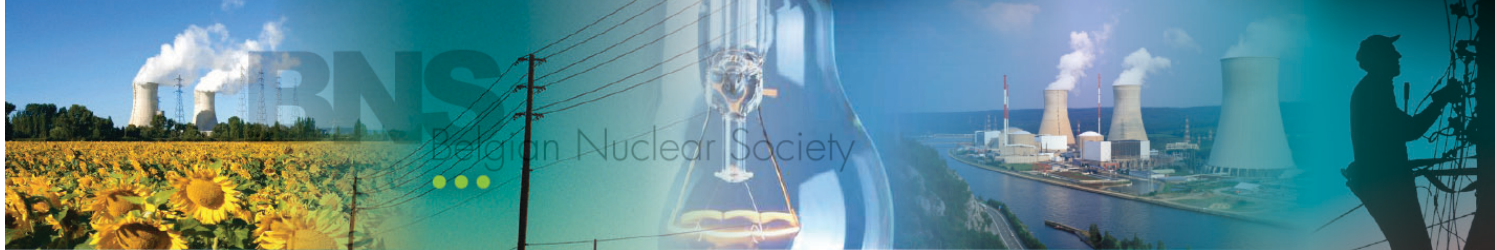


2- BNS Activities: 1st semester 2021

Suggestions

SMR for hydrogen production	The primary coolant system of ITER
Panel discussion on Fukushima – 10 years after (in association with ABR/BVS: tbc)	ENGIE electricity generation strategy after nuclear phase out.
The future of electricity production in Belgium (tbc)	Lessons learned from the ASTRID project
Current and future needs for modulation.	Return of vitrified waste
Climate changes and nuclear (Prof. André Berger)	Nuclear thermal propulsion (space)

*Pay attention: these are **suggestions** only: they are **not yet confirmed** !*

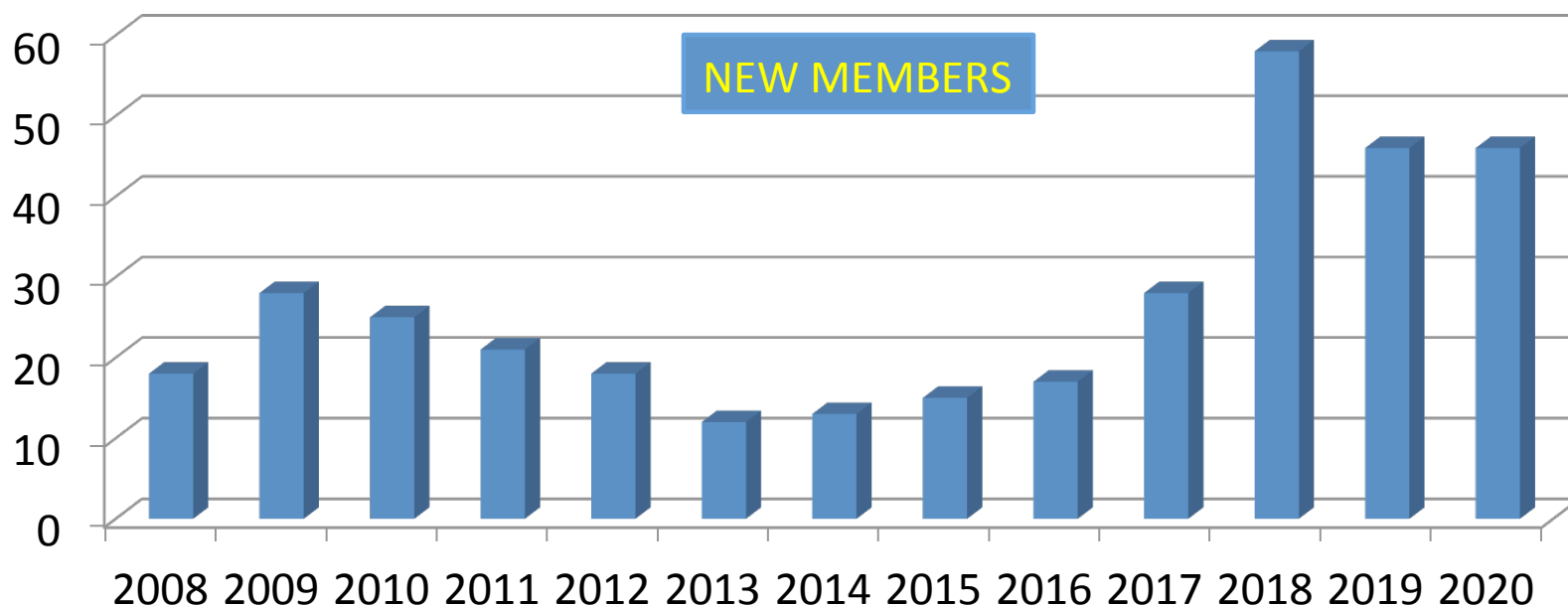


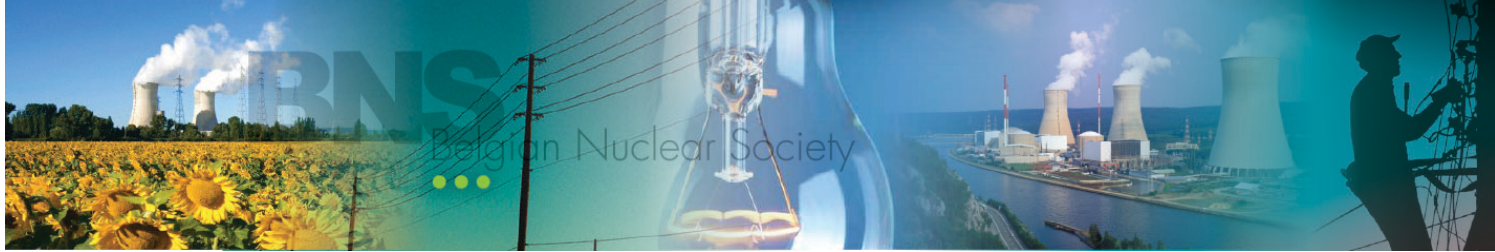
2- BNS Activities: Membership

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
New	18	28	25	21	18	12	13	15	17	28	58	46	46
Total												338*	384**

* Data from an Excel spreadsheet from previous BNS secretaries. Includes non-responsive e-mail address. Gaps suspected.

** Only 96 accounts on the new BNS website. There remain 384-96=288 contacts exclusively in the Excell spreadsheet.





2- BNS Activities: Membership

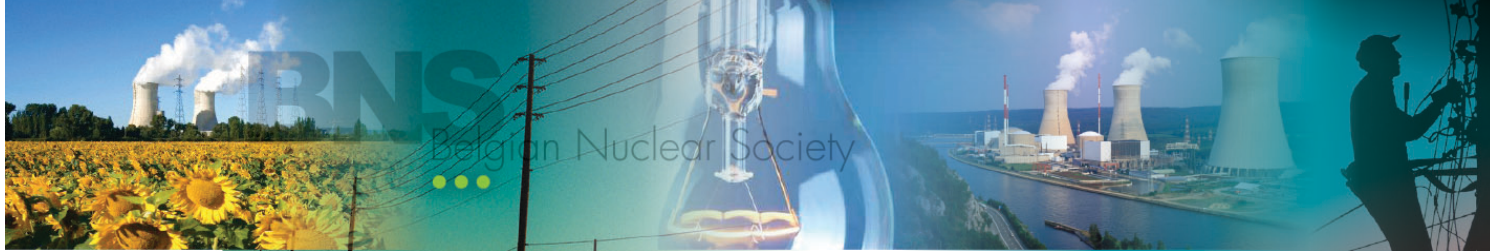
- So far, the list of BNS members and subscribers to the mailing list were handled manually (MS Excell spreadsheet).
- From July 2020, the new BNS website aims at taking over this task:
 - Each member creates his own account.
 - Members update their contact info, or unsubscribe.
 - Better accordance with GDPR

To date, only 96 members created their account on the BNS website.

Do not forget to create yours !

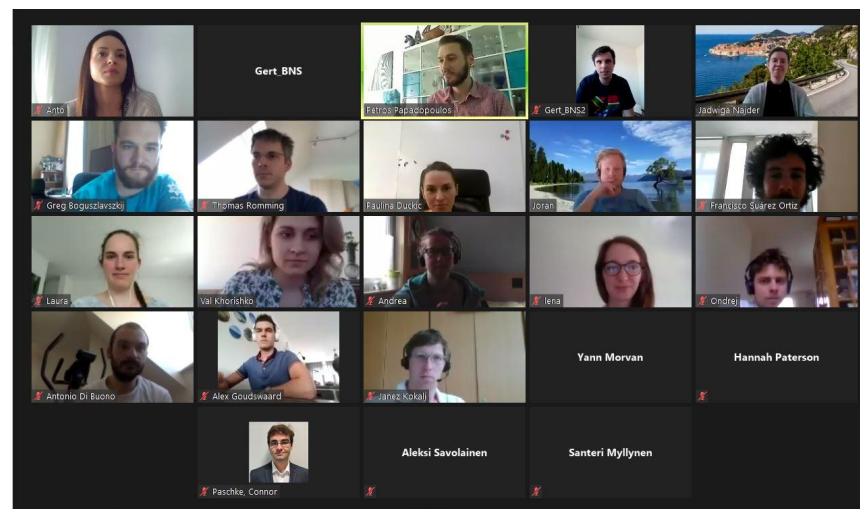
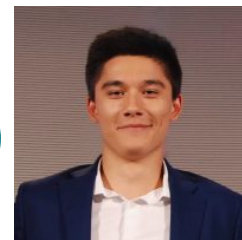
<https://bnsorg.be/register/>

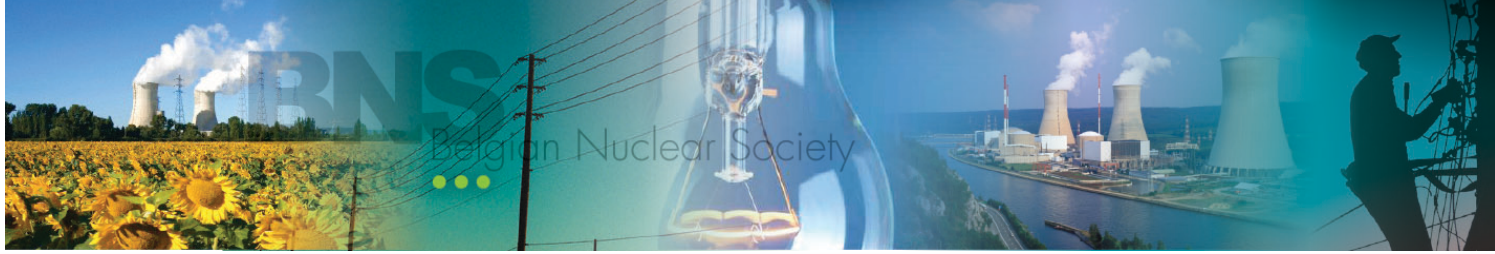
(In the future, members and contacts not registered risk being forgotten)



3- BNS Young Generation activities

- Main Activities:
 - Website update (thanks to our volunteer Arnaud!)
 - Social media strengthening
 - Follow @bns_yg   
 - Participation to international meetings:
 - IYNC, Sydney
 - ENS CCM (now virtual)

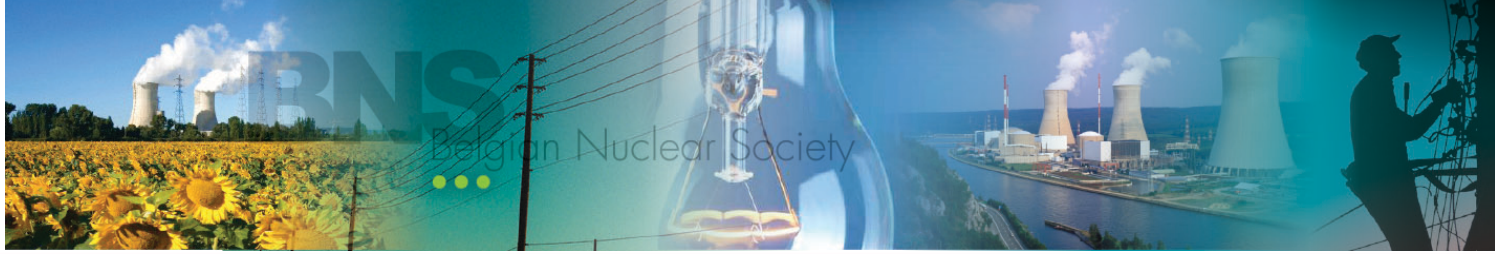




3- BNS Young Generation – Past activities

- National & International Visits (2020 – ante COVID)
 - Visit to ALM, Liège
 - Visit to ITER, Cadarache

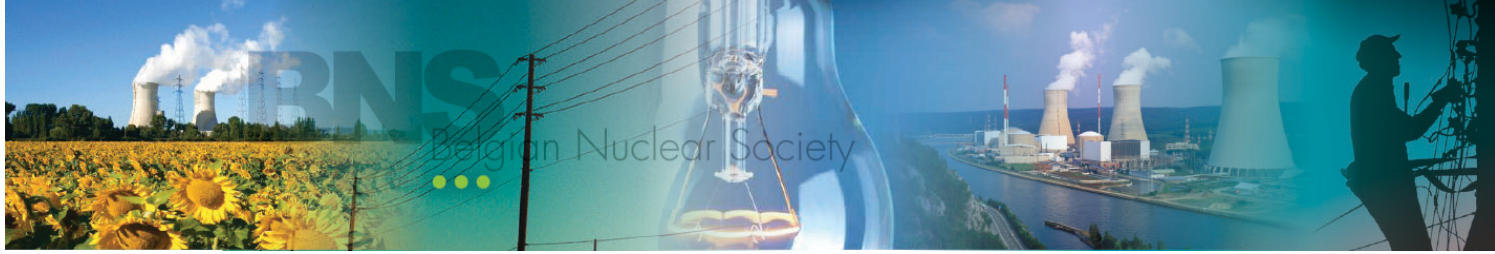




3- BNS Young Generation – Upcoming activities

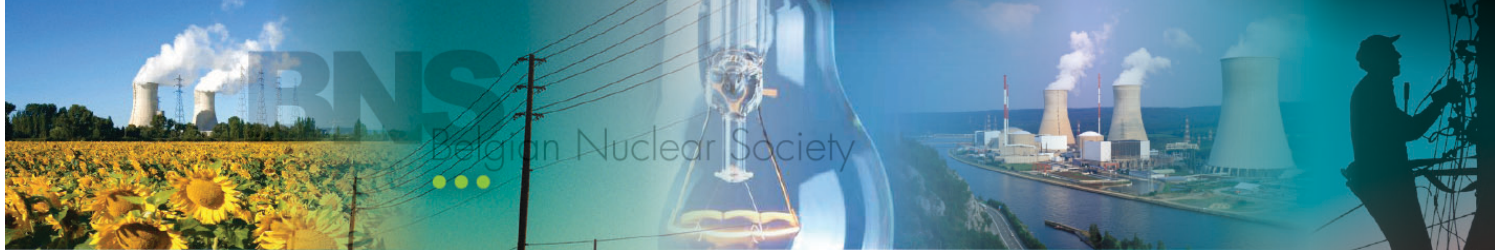
- The Scientific Contest – a virtual event on 26/11
 - 13 submitted works – 3 papers and 2 theses finalists
- Historical publication revision on « understanding nuclear »
- VR technical visits
- Webinars series
 - « Nuclear Café »
 - « Nuclear breakthroughs for the next decade »





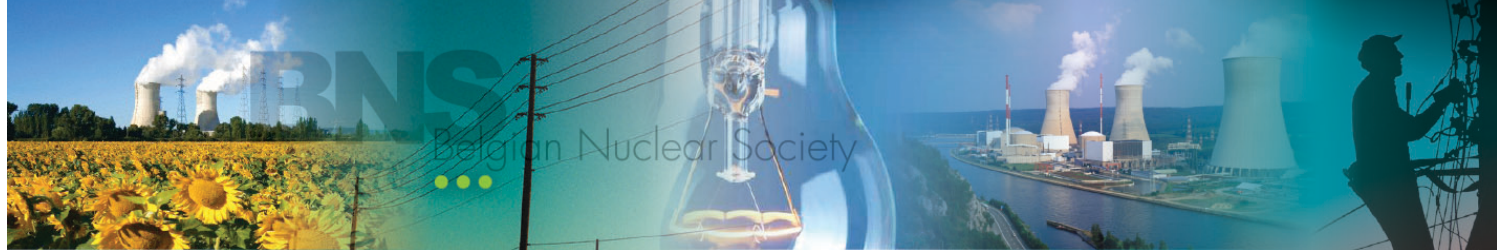
4. Report of the treasurer / approbations

- 1. Actuals 2020
- 2. Financial Results 2019
- 3. Draft proposal budget 2021
- 4. Approvals



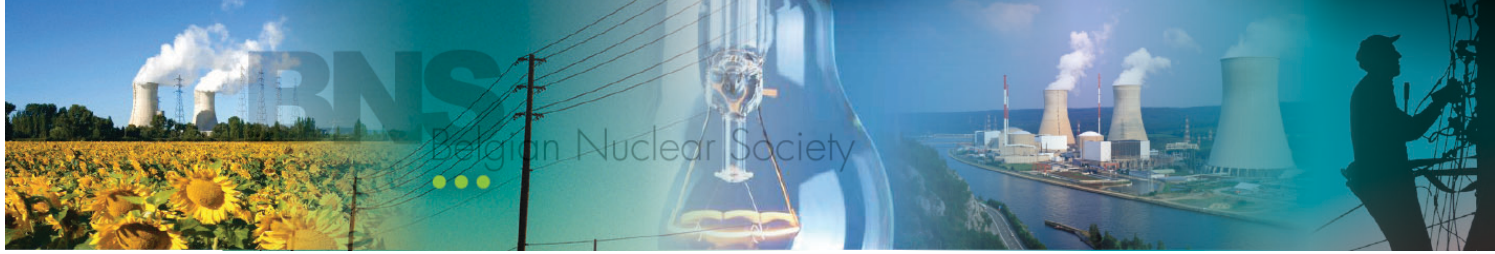
4.1 – Actuals 2020 (1/3)

REVENUES	Budget 2020	Actuals 2020
Membership Fees	€ 20.000	€ 26.665,00
Corporate Members	€ 13.000	€ 18.400,00
Members	€ 7.000	€ 8.265,00
Others Prices (NIRAS-ONDRAF, ...)	€ 2.000	€ 0,00
Contest 2020	€ 2.000	€ 0,00
Conferences	€ 9.200	€ 0,00
50 years of BNS	€ 0	
ENYGF (Revenue for YG)	€ 9.200	
YG Technical Visits	€ 4.550	€ 5.190,00
ITER/Cadarache	€ 4.550	€ 5.190,00
Chernobyl	€ 0	€ 0,00
Financial	€ 0	€ 0,00
Subtotal	€ 35.750	€ 31.855,00



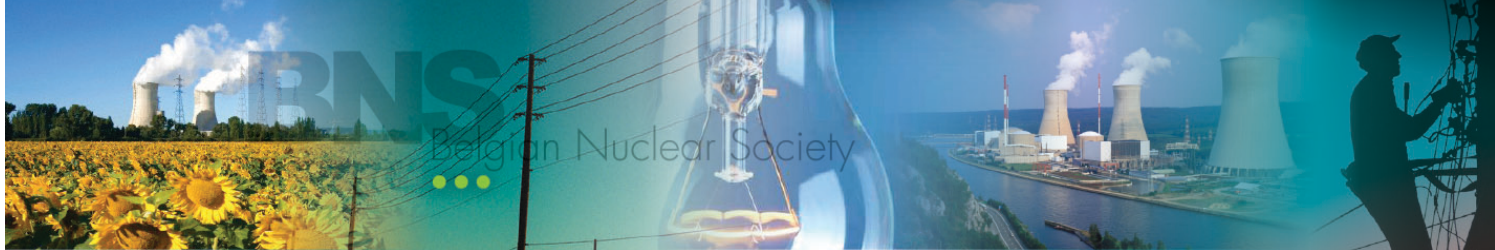
4.1 – Actuals 2020 (2/3)

EXPENSES	Budget 2020	Actuals 2020	Year-to-End
Operational costs	-€ 11.550	-€ 1.318,54	
Assistance/Insurance	-€ 250	-€ 217,36	
IT/Internet	-€ 10.000	-€ 569,78	-€ 3.970,00
Furnitures	-€ 100	€ 0,00	
Accounting	-€ 750	-€ 531,40	-€ 250,00
Legal Publications	-€ 150	€ 0,00	
Taxe ASBL	-€ 300	€ 0,00	
ACTIVITIES	-€ 44.400	-€ 10.840,20	
Evening Lectures	-€ 22.266	-€ 297,63	
Evening Lectures - Rent	-€ 21.000	€ 0,00	
Evening Lectures - Drinks	-€ 21.000	€ 0,00	
Evening lectures - Travel/Lodging	-€ 500	€ 0,00	
Evening Lectures - Gifts	-€ 500	€ 0,00	
Evening Lectures - Diner	-€ 750	-€ 297,63	-€ 3.275,00
		€ 0,00	
Conferences		€ 0,00	
50 years of BNS			
Young Generation	-€ 21.150	-€ 10.542,57	
YG General	-€ 2.500	€ 0,00	-€ 50,00
YG Technical Visits Cadarache	-€ 8.400	-€ 8.940,54	
YG Technical Visit Chernobyl	€ 0	€ 0,00	
YG Social Activities	-€ 3.100	€ 0,00	
YG Scientific Contest	-€ 1.900	€ 0,00	-€ 1.900,00
Prices NIRAS	-€ 2.000	€ 0,00	-€ 2.000,00
ENYGF Representation & Conf	-€ 3.250	-€ 1.602,03	
YG International Network	€ 0	€ 0,00	
Membership ENS	-€ 2.750	-€ 2.716,00	
Finances	-€ 250	-€ 42,10	
Bank	-€ 100	-€ 42,10	-€ 50,00
Tax on financial revenues	-€ 150	€ 0,00	
	-€ 58.950	-€ 14.916,84	-€ 11.495,00



4.1 – Actuals 2020 (3/3)

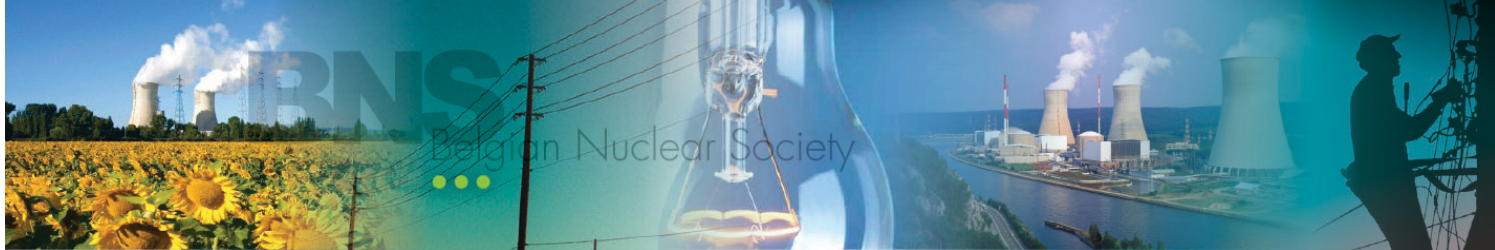
- The revenues for memberships (personal and corporate) are 25% above plan.
- If all goes well the ENYGF vzw/asbl will be closed this year and we will receive our share of the conference revenues to support the YG (+/- 9 000 €).
- The NIRAS/ONDRAF contribution for the Scientific Contest is also expected to come.
- Due to COVID the catering costs of the EVL's are non-existent.
- A big saving was made on the website by the hard work of Arnaud Paquet.
- An invoice from a professional designer to improve the pictures and overall visuals of the website is expected.
- At the end of the year we expect **a spend of 26k€ in comparison to a revenue of 32 k€, possibly 40k€ if the ENYGF asbl/vzw is dissolved.**



4.2 – Financial Results 2019 (1/4)

- Cash Balance 31/12/2019

Financial Situation	31/12/2018	31/12/2019
Debit Account	27 174,66	42 720,51
Savings Account	154 230,60	154 230,60
Total	181 405,26	196 951,11

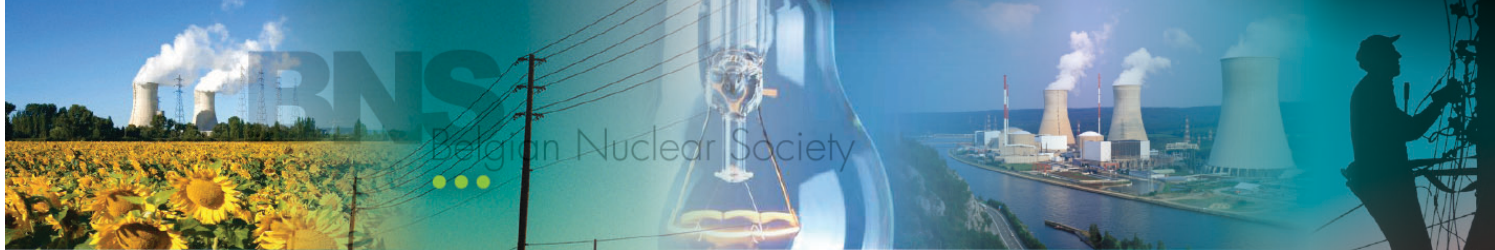


4.2 – Financial Results 2019 (2/4)

- Actuals 2019 after year closure

Overall Result	Budget 2019	Actuals 2019
Total Revenues	29 800	21 290
Total Costs	-62 800	-8 709, 15
Net Result	-33 000	12 580,85

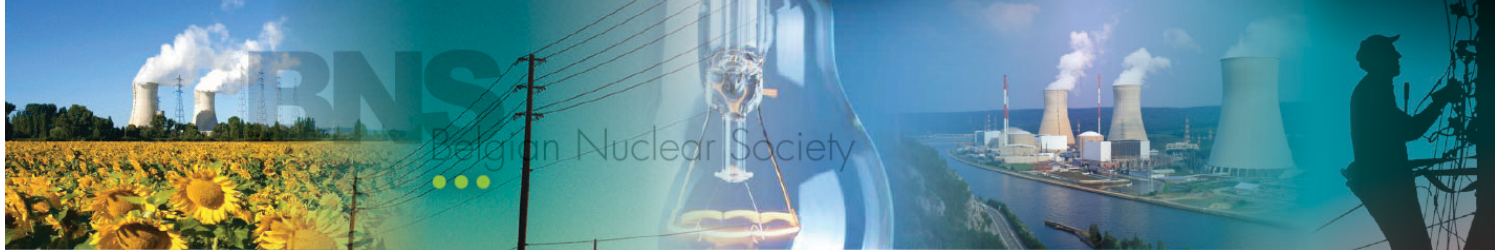
- This report shows a **profit of 12 580.85 €**.
- A clarification for this are the membership fees we received and the generous contribution of ENGIE for the catering of 2019.
- Due to the ENYGF conference the YG did not have the time to organize their normal amount of activities.



4.2 – Financial Results 2019 (3/4)

- Revenues 2019

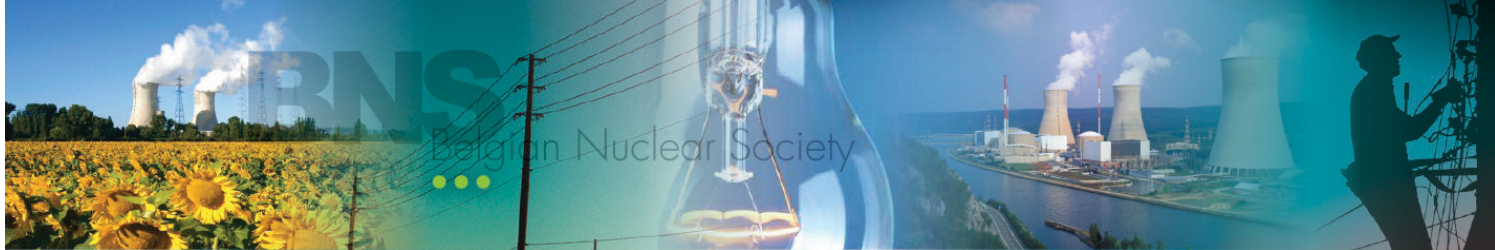
Description	Actual 2019
Personal memberships	4 990
Corporate memberships	14 300
NIRAS/ONDRAF price	2 000
Total	21 290



4.2 – Financial Results 2019 (4/4)

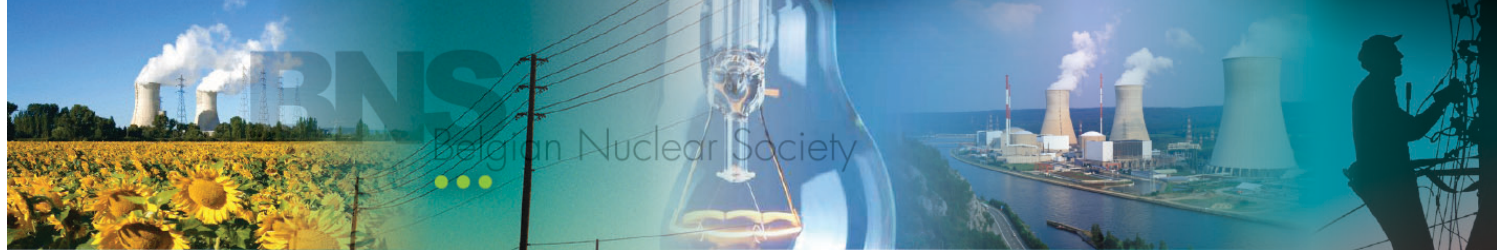
- Expenses 2019

Description	Actual 2019
Operational Costs	872,03
Activities (evening lectures)	373,08
Young generation	4 708,84
Membership ENS	2 716,00
Finances	39,20
Total	8 709,15



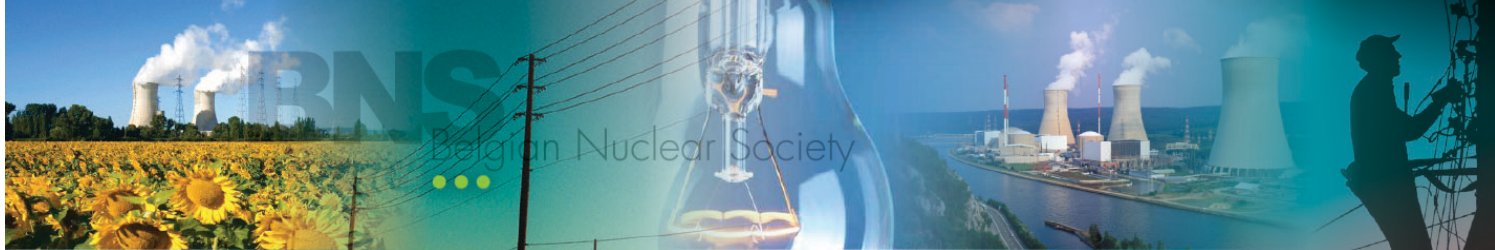
4.3 – Proposed budget 2021 (1/4)

REVENUES	Budget 2021	Budget 2020
Membership Fees	€ 22.000	€ 20.000
Corporate Members	€ 15.000	€ 13.000
Members	€ 7.000	€ 7.000
Others Prices (NIRAS-ONDRAF, ...)	€ 2.000	€ 2.000
Contest 2021	€ 2.000	€ 2.000
Conferences	€ 4.000	€ 9.200
50 years of BNS	€ 4.000	€ 0
ENYGF (Revenue for YG)	€ 0	€ 9.200
YG Technical Visits	€ 10.800	€ 4.550
International visit	€ 10.800	€ 4.550
Financial	€ 0	€ 0
Subtotal	€ 38.800	€ 35.750



4.3 – Proposed budget 2021 (2/4)

EXPENSES	Budget 2021	Budget 2020
OPERATIONAL COSTS	-€ 2.550	-€ 11.550
Assistance/Insurance	-€ 250	-€ 250
IT/Internet	-€ 1.000	-€ 10.000
Furnitures	-€ 100	-€ 100
Accounting	-€ 750	-€ 750
Legal Publications	-€ 150	-€ 150
Taxe ASBL	-€ 300	-€ 300
ACTIVITIES	-€ 77.000	-€ 44.400
Evening Lectures	-€ 8.650	-€ 23.250
Evening Lectures - Rent	-€ 2.500	-€ 2.500
Evening Lectures - Drinks	-€ 6.400	-€ 21.000
Evening lectures - Travel/Lodging	-€ 500	-€ 500
Evening Lectures - Gifts	-€ 500	-€ 500
Evening Lectures - Dinner	-€ 750	-€ 750
Conferences	-€ 40.000	-€ 40.000
50 years of BNS	-€ 40.000	-€ 40.000
Young Generation	-€ 28.350	-€ 21.150
YG General	-€ 2.500	-€ 2.500
YG Technical Visit Belgium	-€ 100	€ 0
YG Technical Visit International	-€ 13.500	-€ 8.400
YG Social Activities	-€ 2.500	-€ 3.100
YG Scientific Contest	-€ 3.500	-€ 1.900
Prices NIRAS	-€ 2.000	-€ 2.000
ENYGF Representation & Conf	-€ 4.250	-€ 3.250
Media Content	-€ 5.000	€ 0
MEMBERSHIP ENS	-€ 3.000	-€ 2.750
FINANCES	-€ 250	-€ 250
Bank	-€ 100	-€ 100
Tax on financial revenues	-€ 150	-€ 150
	-€ 82.800	-€ 58.950

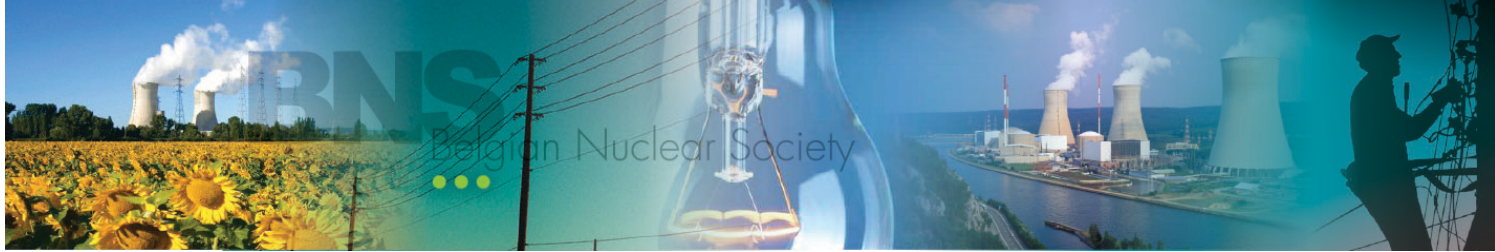


4.3 – Proposed budget 2021 (3/4)

Overall	Budget 2021	Budget 2020
Total Revenues	38 800	35 750
Total Costs	-82 800	-58 950
Net Result	-44 000	-23 200

Note:

- This budget assumes the YG can organize their technical visit
- If not,
 - Revenues for 2021 = 28 000 €
 - Costs for 2021 = 74 300 €
 - Deficit for 2021 = 46 300 €



4.3 – Proposed budget 2021 (4/4)

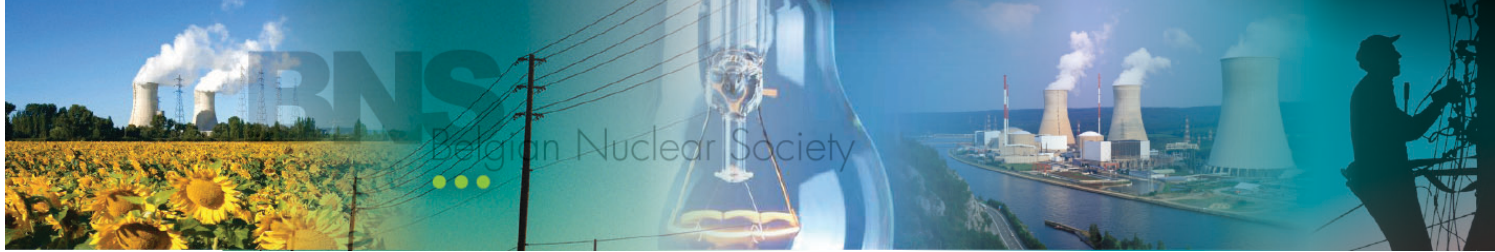
Revenues:

- We have slightly increased the budget for revenues of memberships.
- The special fee for SME's proved to be quite popular.
- A special revenue has been foreseen for our 50 years celebration; some companies might sponsor parts of the celebration out of sympathy.
- The YG plans to organize an international visit to Chernobyl for 24 people. The participation fee for 24 people creates a revenue of 10 800 €.

Expenses:

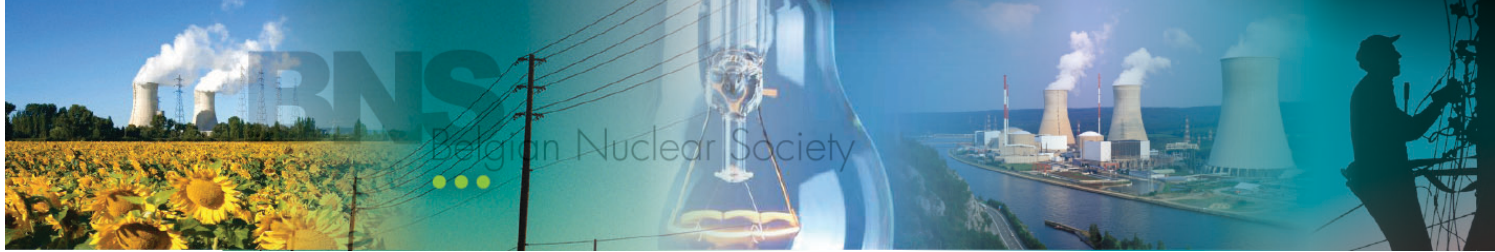
- Operational costs are in line with previous years.
- For the EVL catering budget we have considered a few “real live participation” EVL's and costs in line with the proposed cost split to ENGIE. This split still must be approved and signed.
- The organization of the **50 years celebration is expected to cost 40k€**.
- The YG main cost is the international technical visit and increased price money for the Thesis contest.
- In case the technical visit cannot be organized, a new initiative will be launched to create informative videos. This is reflected in the notes on the previous slide.

The planned deficit for 2021 is 44 000 €, the main driver for this being the 50 years celebration.



4.4 - Approbations

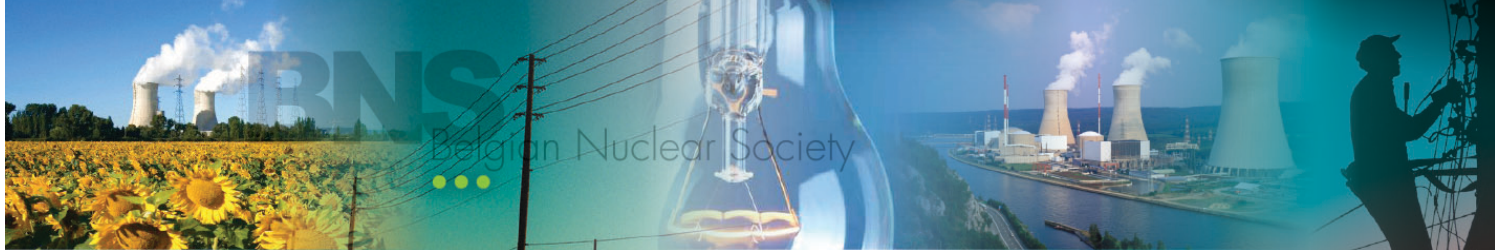
- Comments/Questions on reporting?
- Presentation / approbation of the budget **2020** and current actuals
- Approbation of the final accounts **2019**?
- Discharge of the Executive Committee?
- Presentation / approbation of the budget **2021**?



5 – Any Other Business

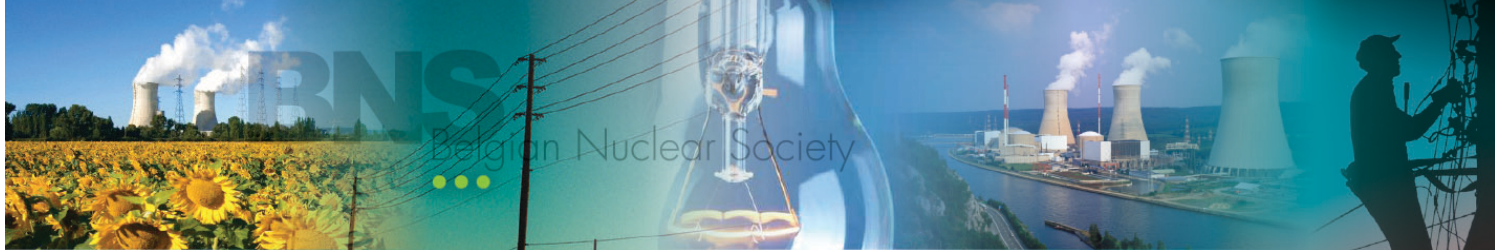
Thank you to all members for your fidelity and support !
Thank for the continuous help of our sponsors !
(see next slide)





Special Thanks to our corporate members





Special Thanks to our corporate members

