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Click on MEMBERS

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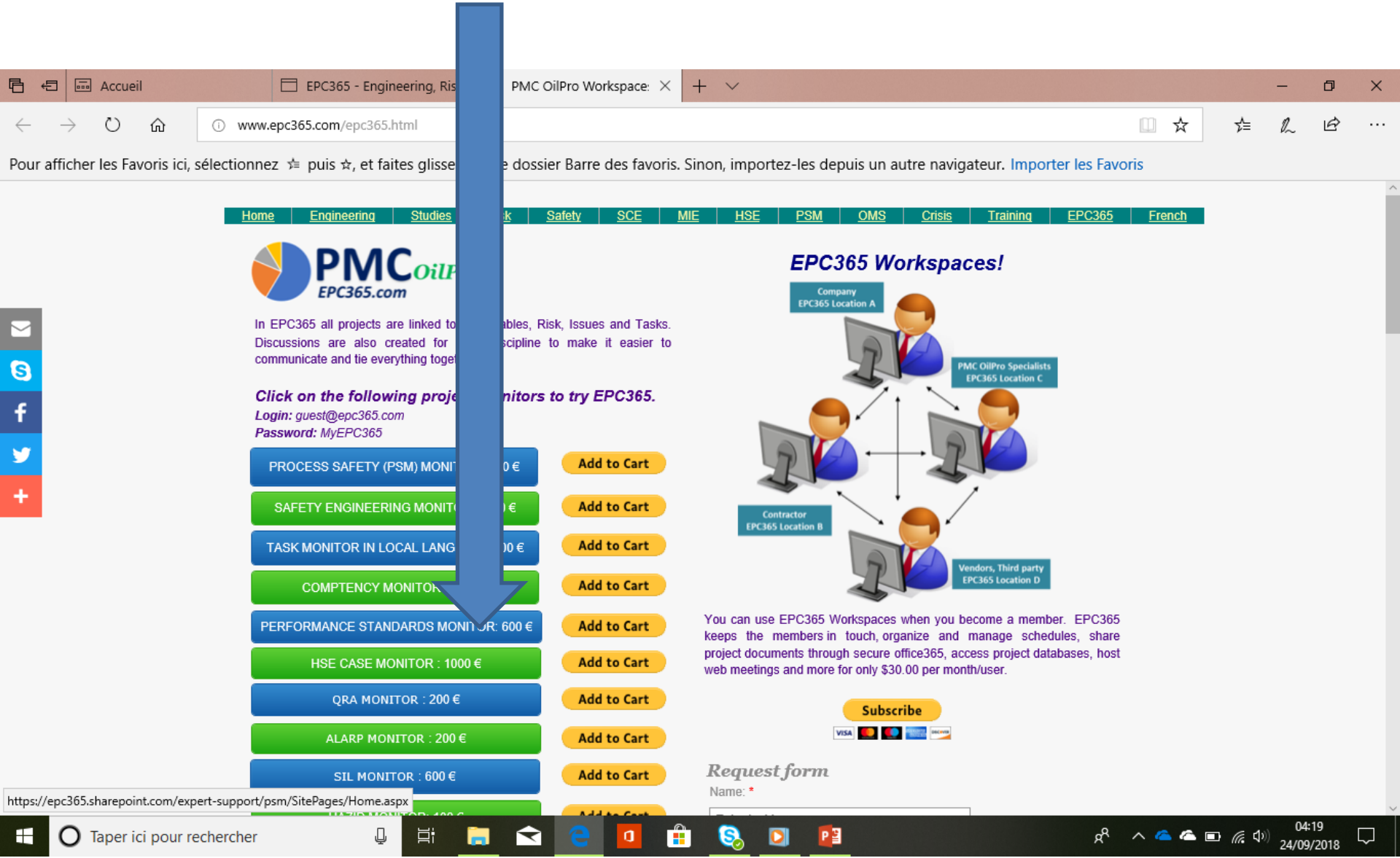
Click on (Performance Standards monitor)



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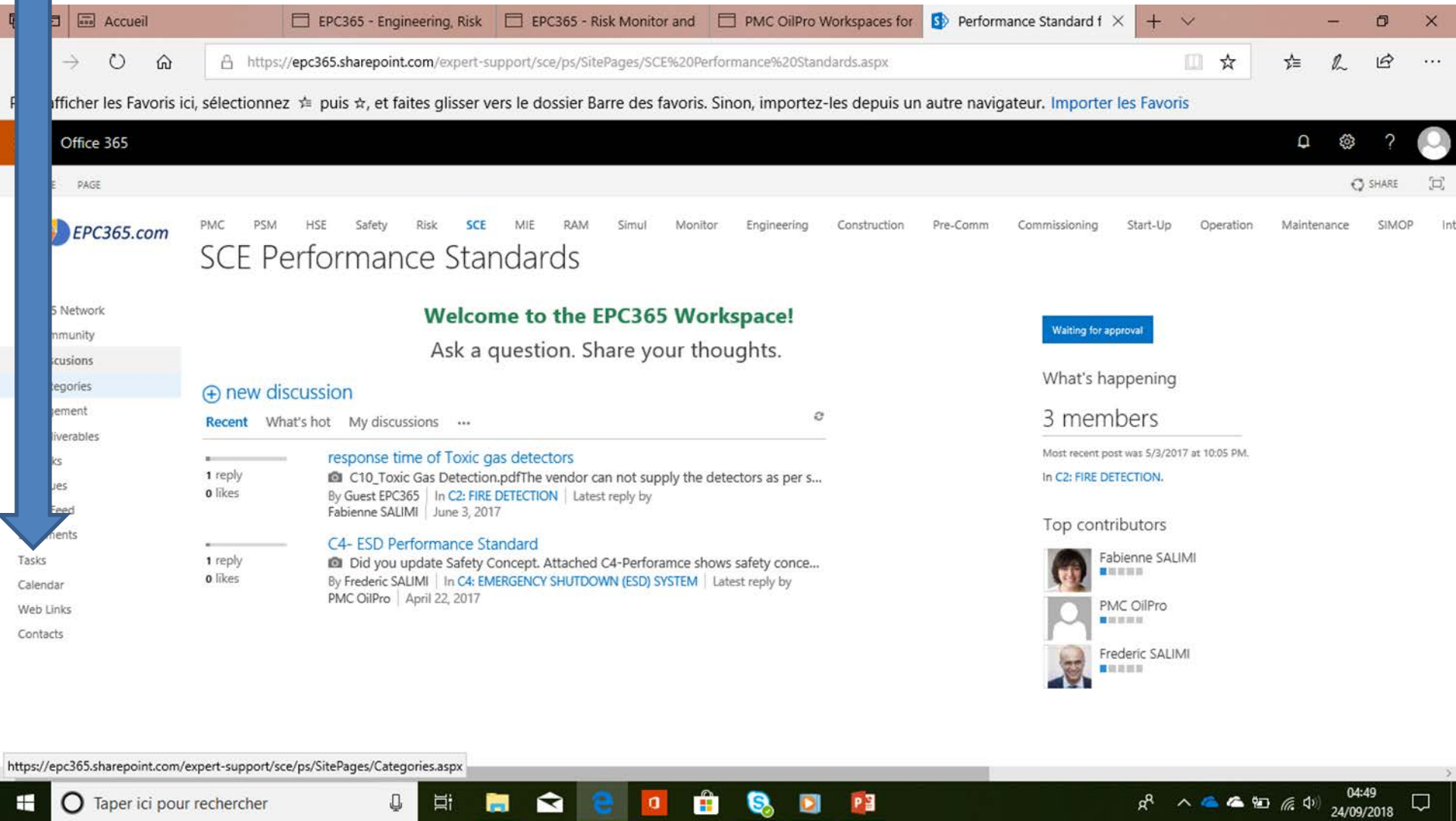
Click on Tasks



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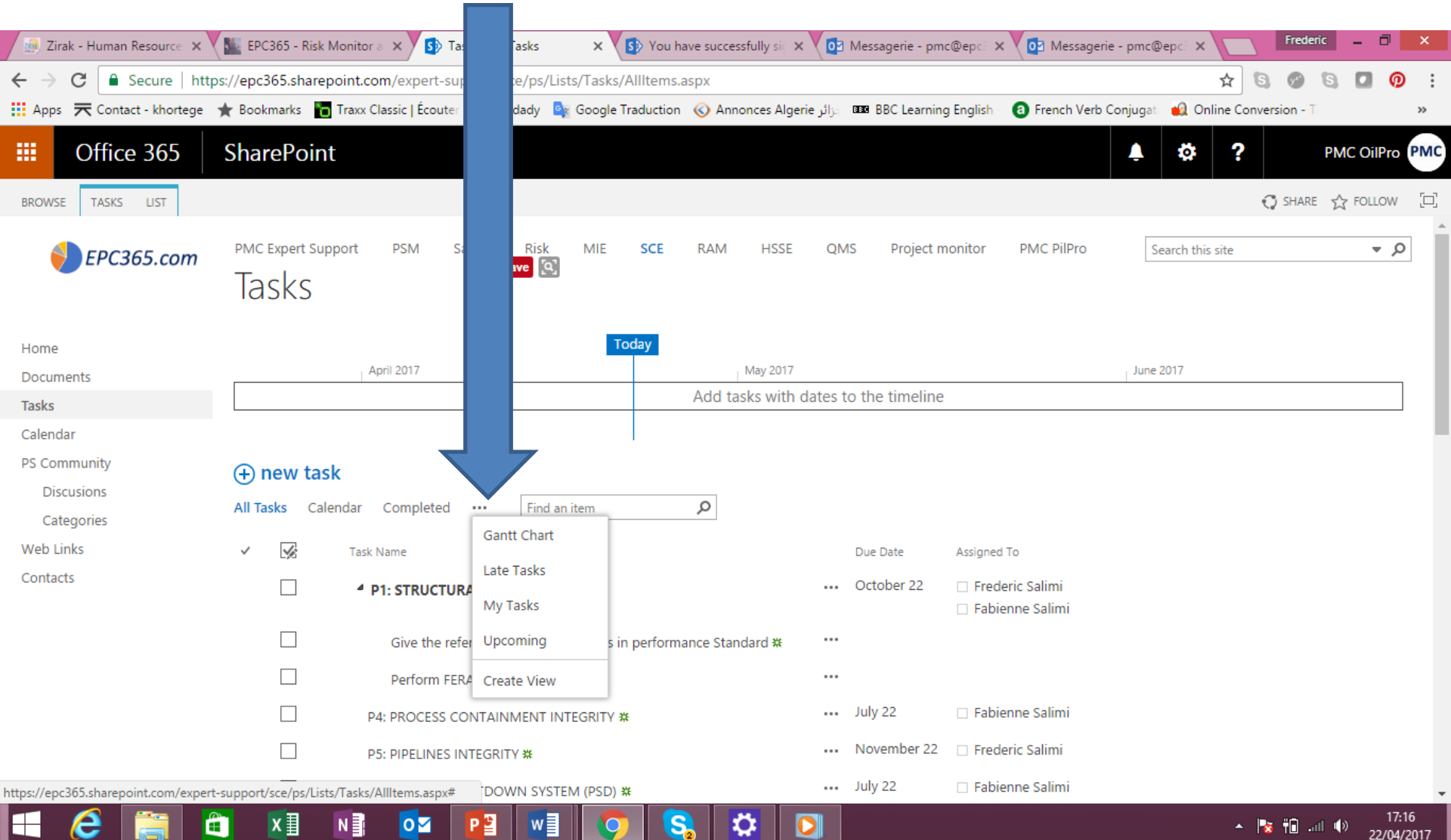
Click on … to see Status of Tasks



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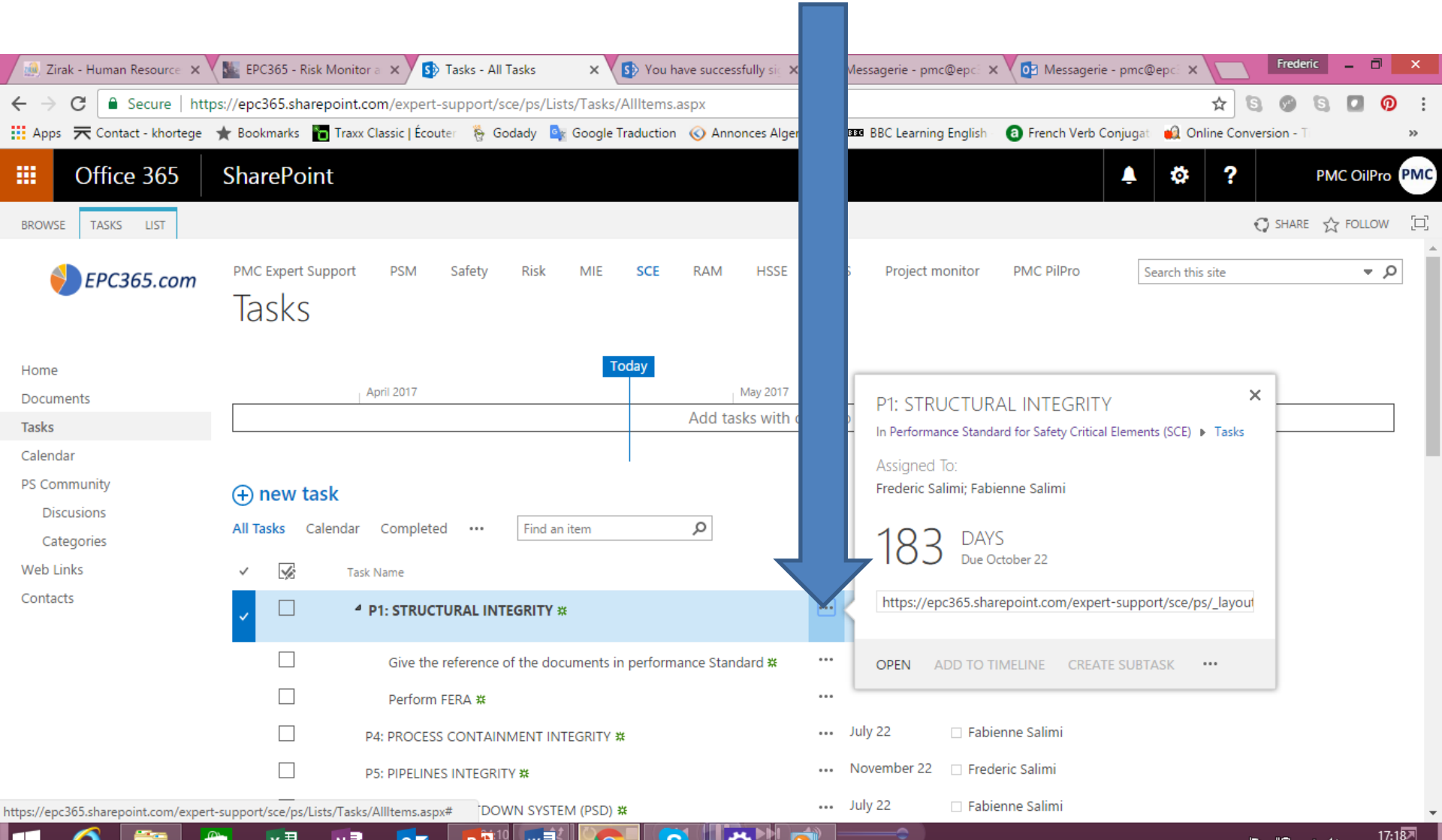
Click on … to create Sub-Tasks or open the Task



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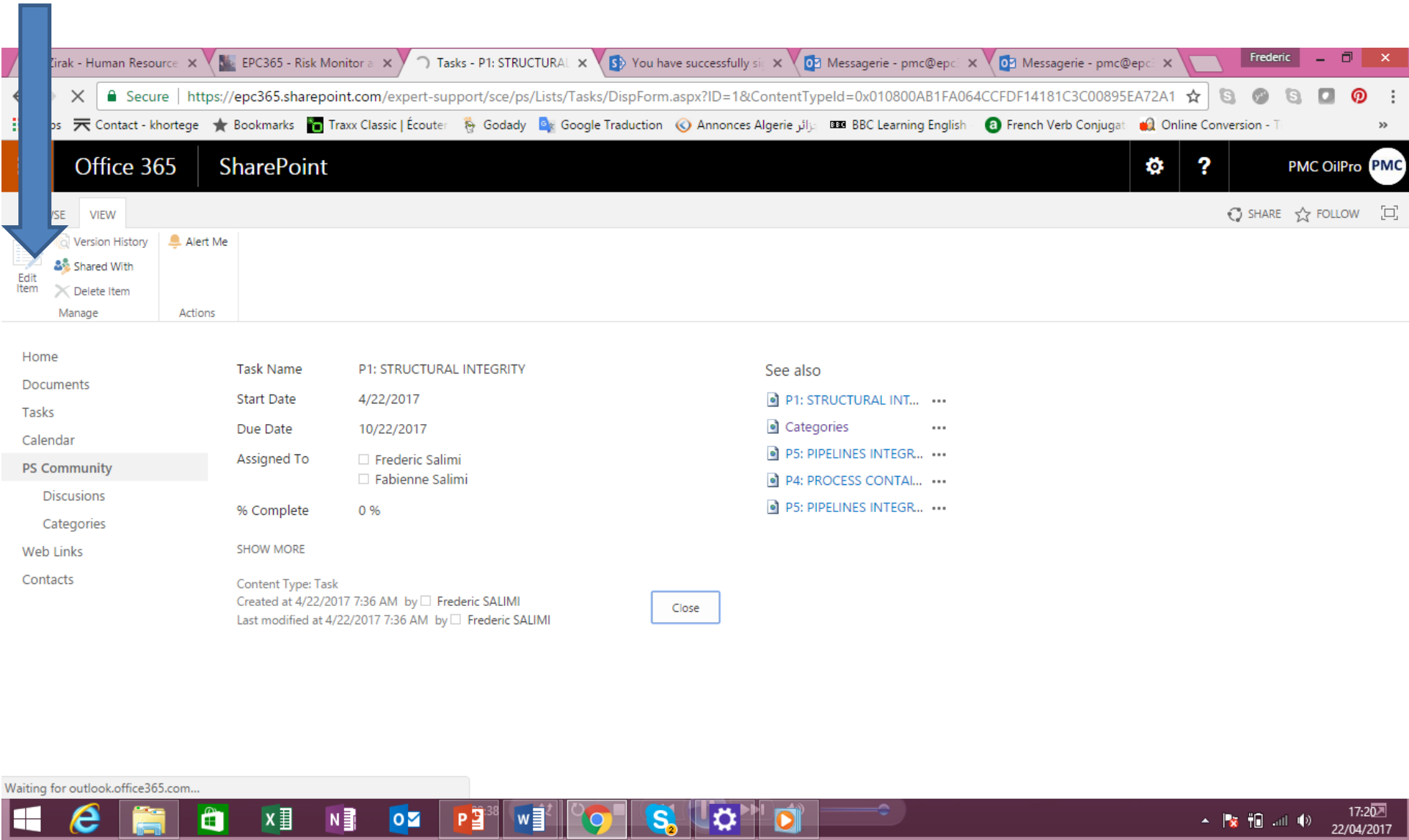
Click on Edit Item



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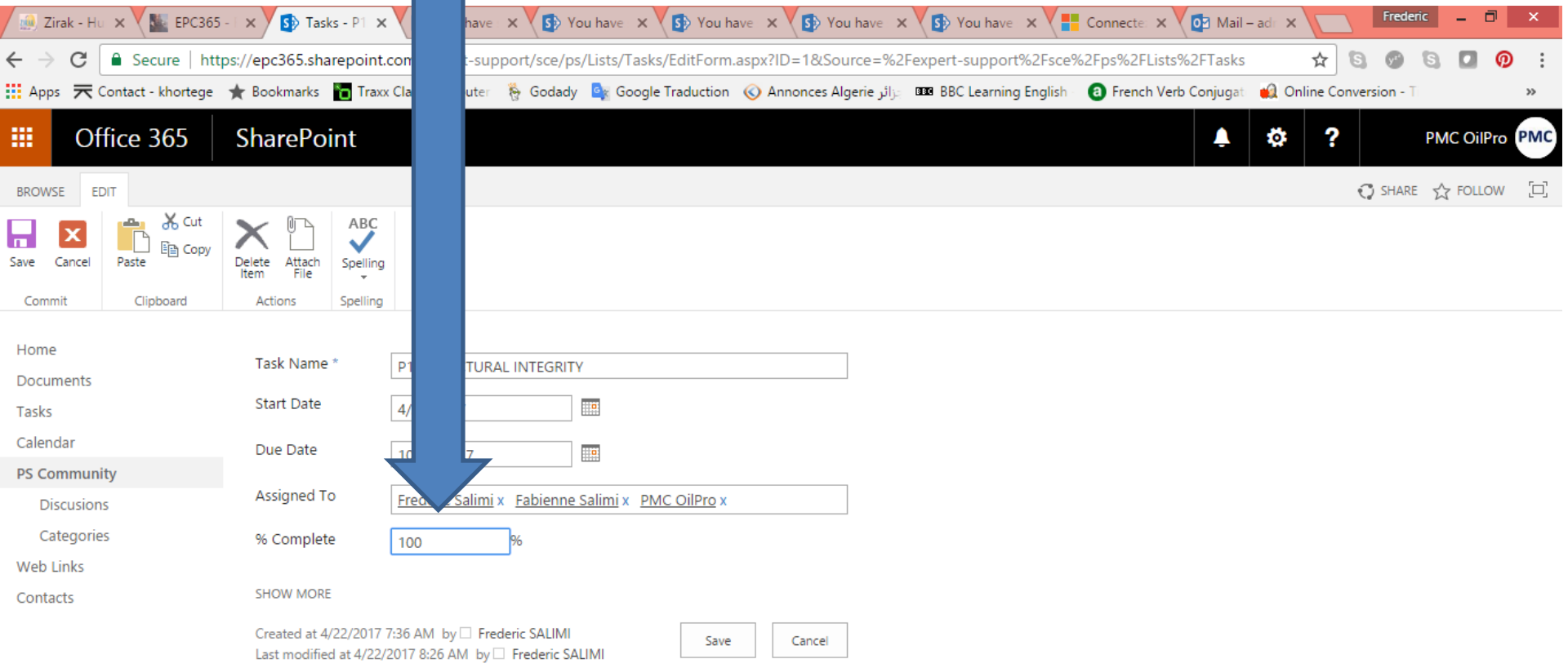
Insert the progrees of the Task



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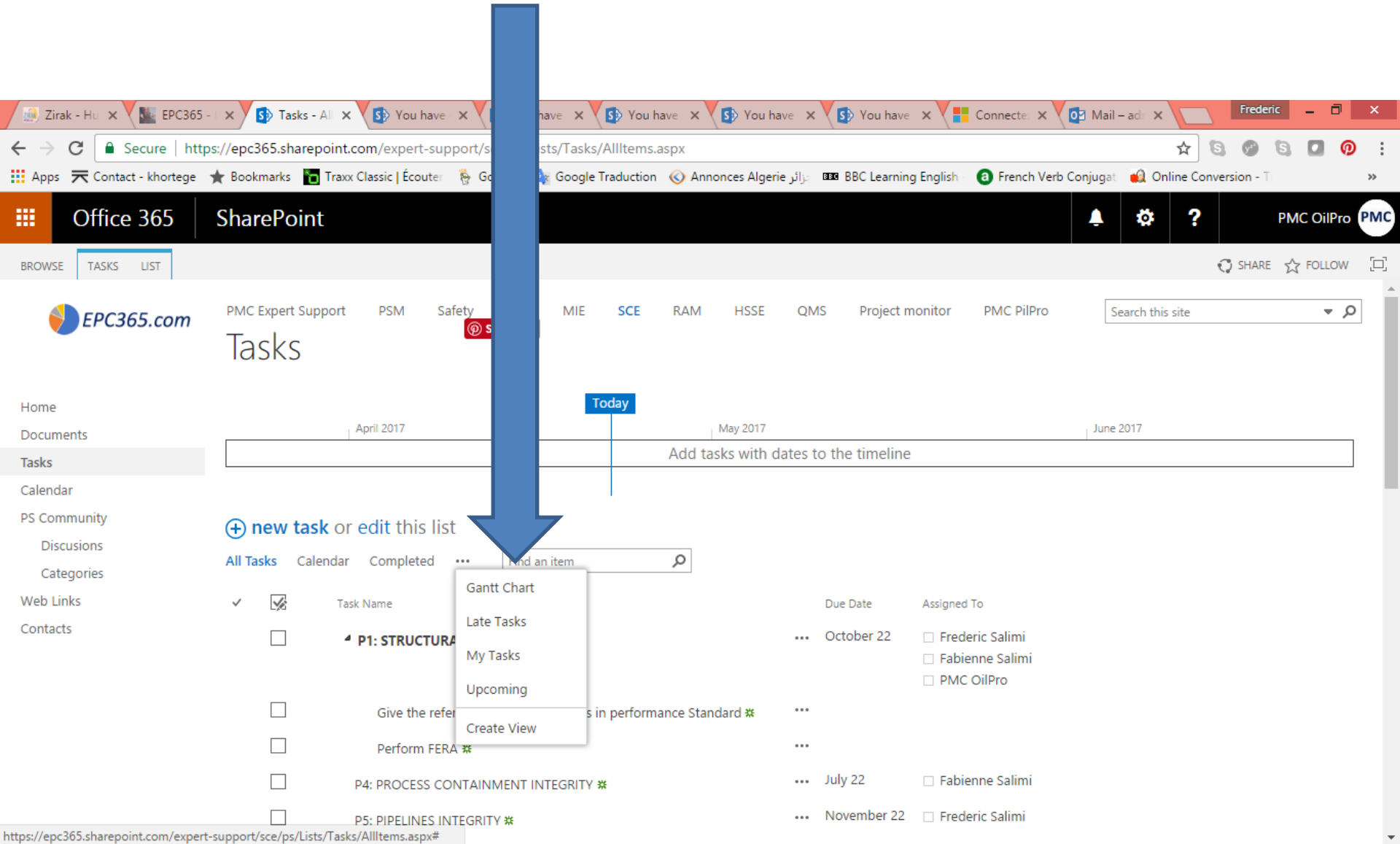
Click on Gantt chart



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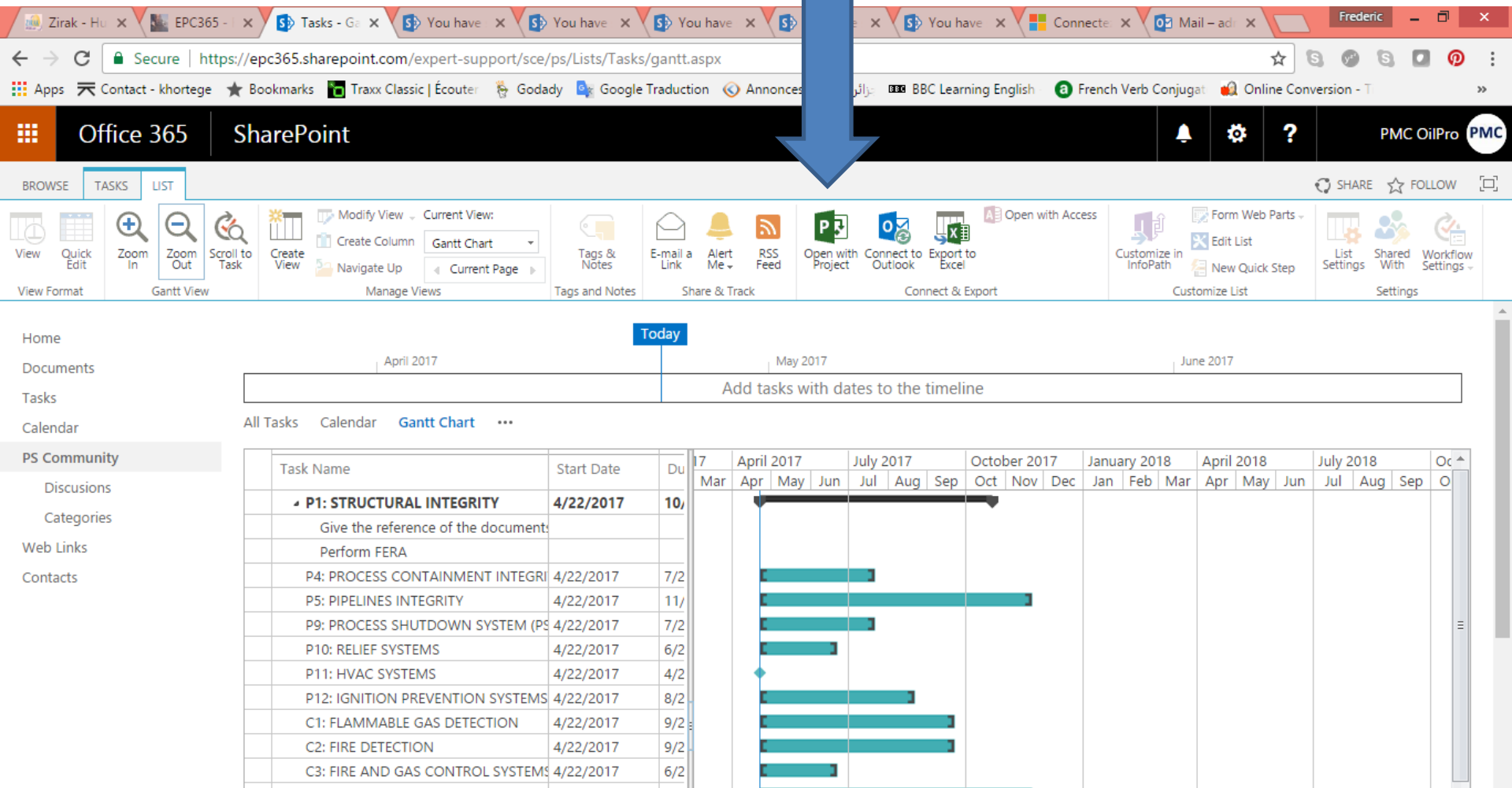
See the online status of SCE Tasks



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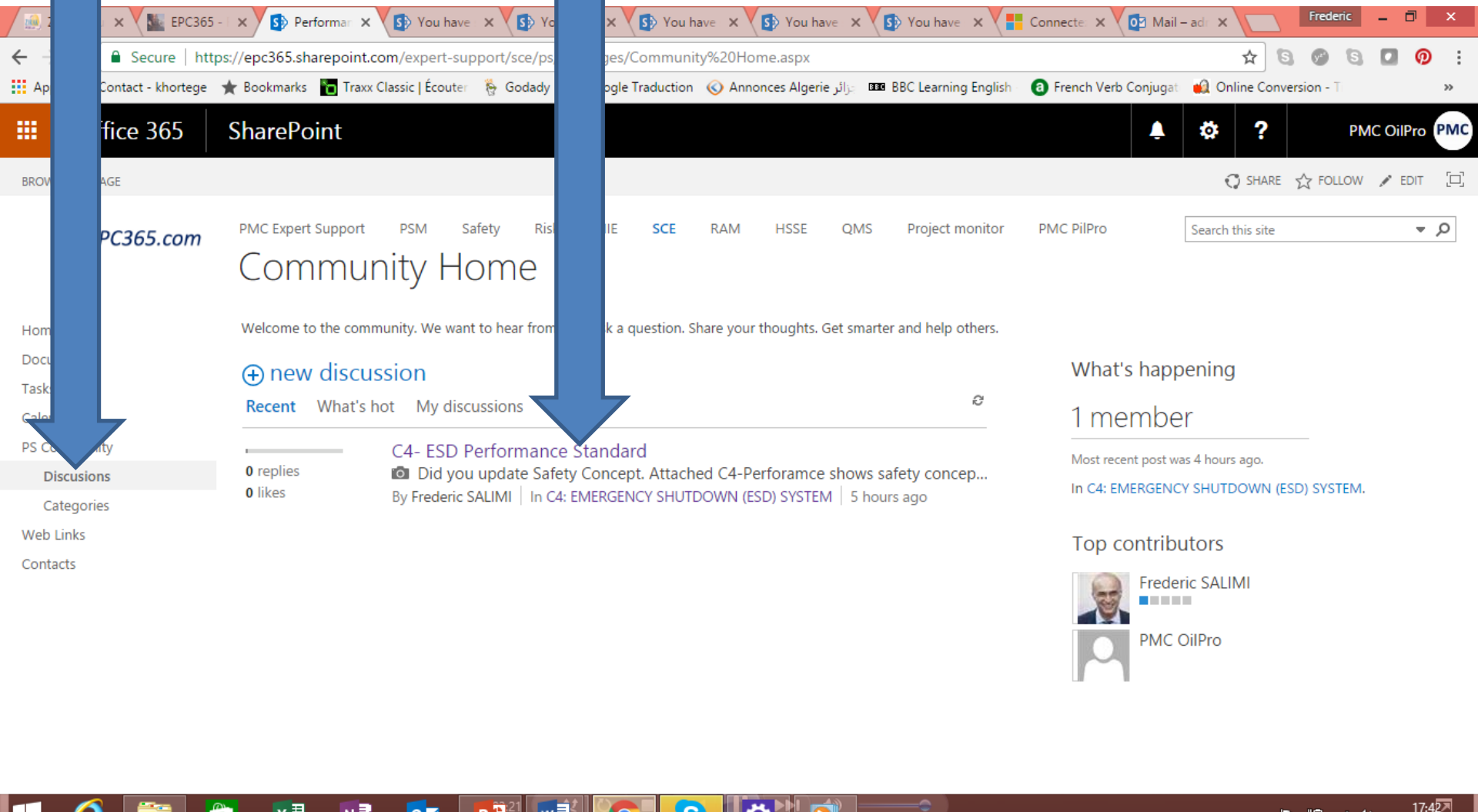
Click on Discussions then open C4-ESD



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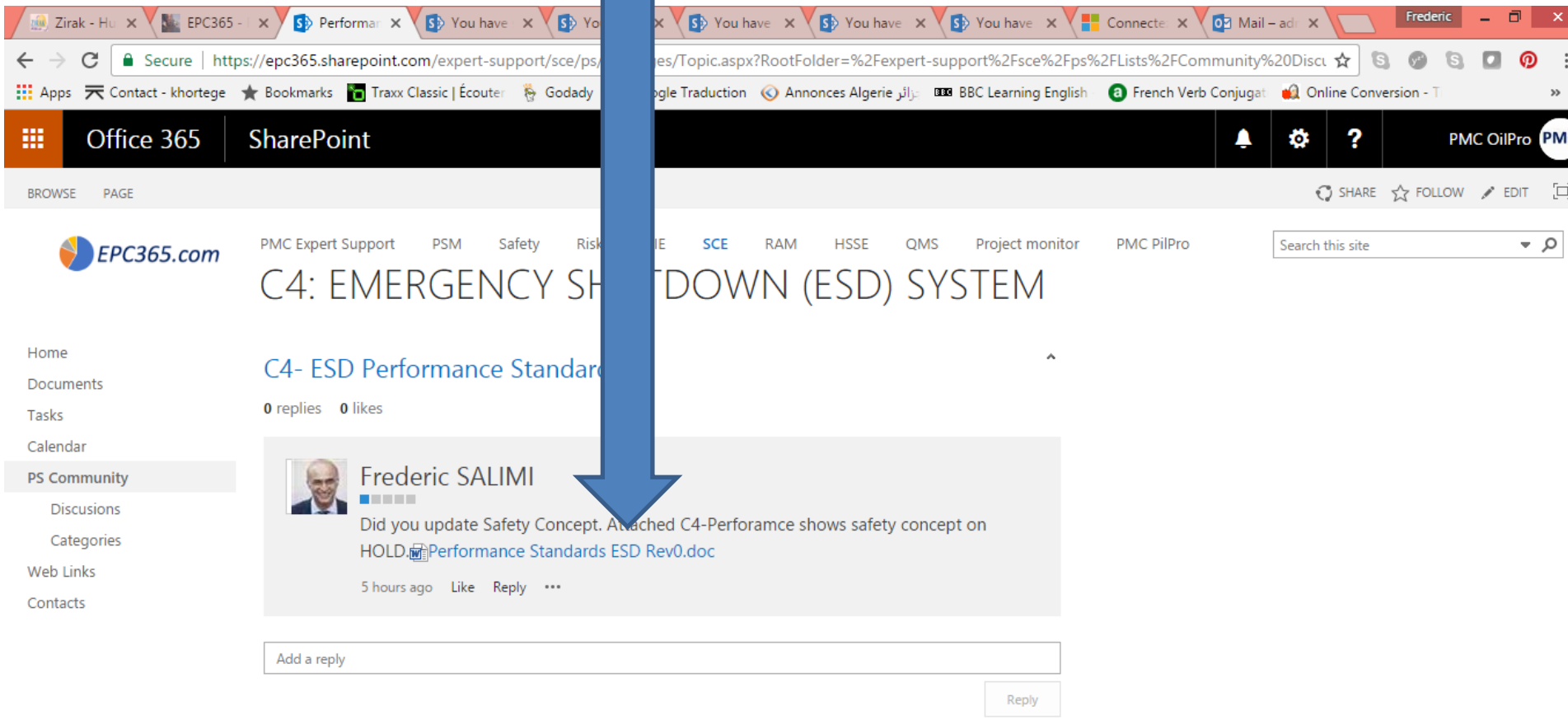
Open ESD Performance Standard Rev0



Insert your comments and issue Rev1

C4: EMERGENCY SHUTDOWN (ESD) SYSTEM

Performance Objective: To provide facilities for safe and effective isolation of equipment and hazardous inventories in response to severe process upsets and other hazardous conditio

No.	SCOPE/EQUIPMENT
C4.1	ESD control system
C4.2	ESD valves

Notes: The ESD system controls the shutdown levels ESD-1 and ESD-0 as defined in the safety concept document. Shutdown levels SD-2 and SD-3 are managed by the PSD system (see PS P9). SD-2 is a process shutdown and SD-3 is a unit shutdown. ESD-1 is a process and utility system shutdown with automatic depressurisation. ESD-0 is the ultimate shutdown and shuts down all potentially hazardous equipment and ignition sources.

Standalone package control systems may have integral unit shutdown functionality, but will receive inputs from the ESD system.

ESD valves are those controlled by the ESD system, excluding Blowdown Valves (see PS C9), riser ESD valves (see PS C5) and Subsea isolation valves (SSIVs, see PS C7).

No.	INTERACTIONS	Ref.
I1	Flammable gas detection	1
I2	Fire detection	2
I3	Fire & gas system	3
I4	Riser ESDVs	5
I5	SSIVs	7
I6	MACs	8
I7	Blowdown system	9
I8	PA/GA	1
I9	Maintained power supplies	9
I10	Blast resistant construction	2
I11	PFP	3
I12	Process Shutdown System	9
I13	Relief systems	10

No.	FUNCTIONALITY	REFERENCES	MEANS OF ASSURANCE	REFERENCES
F1	ESD system shall continuously monitor process data, equipment status and inputs from other systems, in areas of the platform where a major accident could occur.	*PMC EPC365 (HOLD):* Functional Specification for Integrated Control and Shutdown Systems PMC EPC365 (HOLD): ESD Logigrams (cause and effect diagrams)	The ESD System is described in the Operational Safety Case and Safety Concept document. Assurance is provided initially by design, specification, and QA/QC of installation and commissioning. Subsequent modifications shall be carried out in accordance with the Change Control Procedure. Operational assurance of the ESD System shall be provided by routine inspection and function checks, carried out in accordance with work instructions and at frequencies scheduled in CMMS.	Safety Concept (HOLD) Operational Safety Case Change Control Procedure Work Instructions Significant Shutdowns & ESD/PSD Checks & Permission to Restart Procedure CG Shutdown Database

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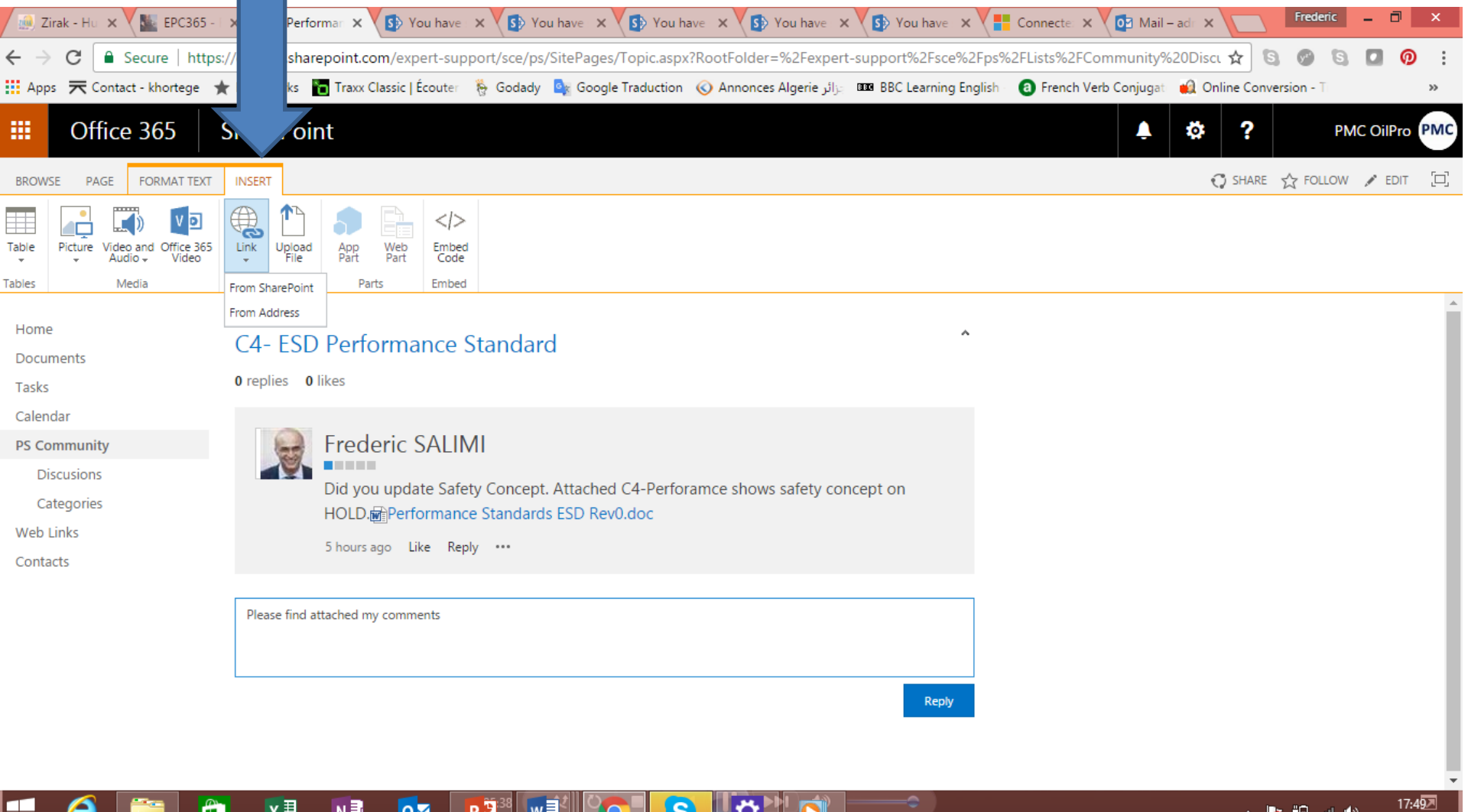
Click on Insert, then add files or link to EDMS



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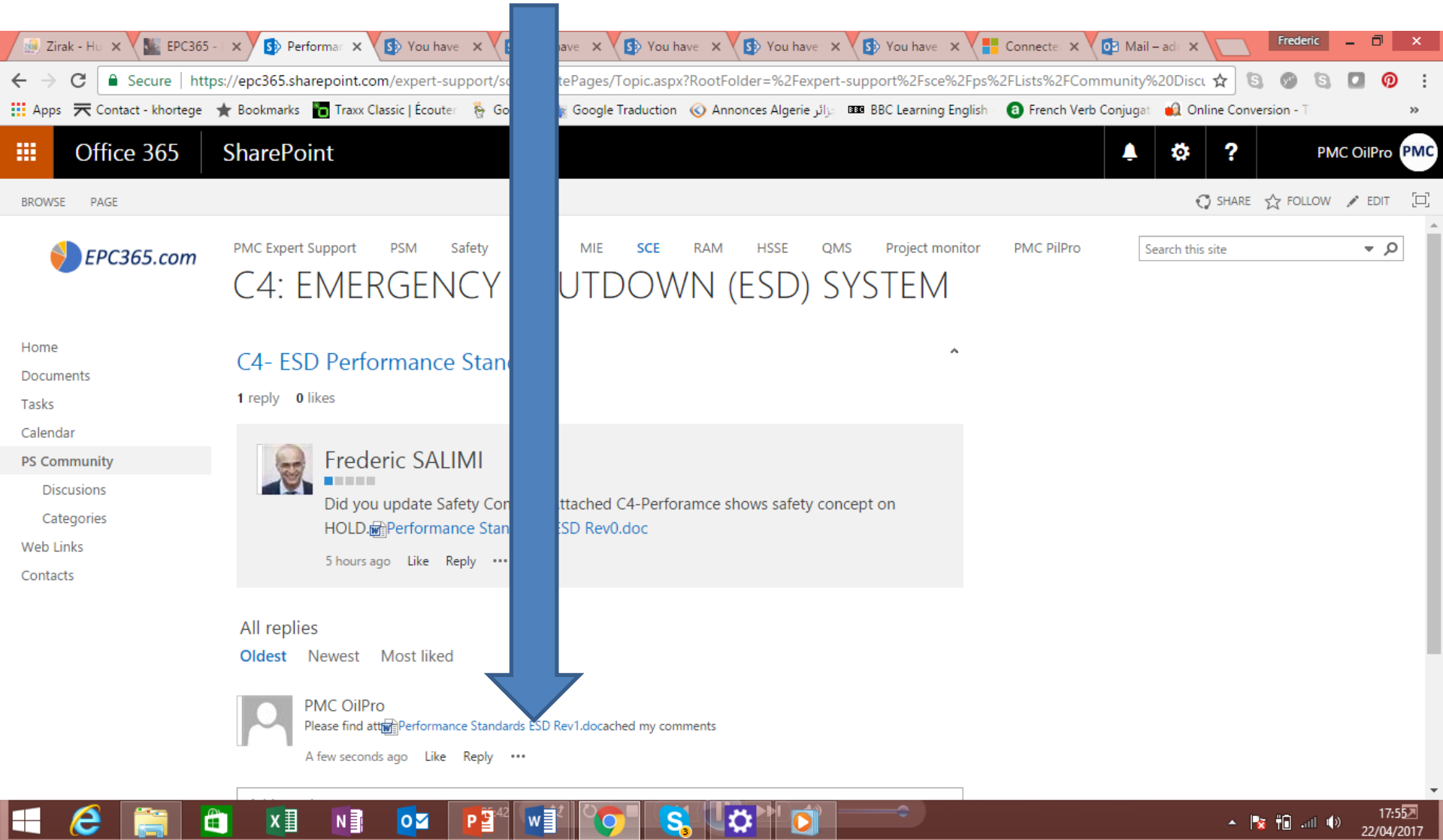
ESD Performance Standard Rev01



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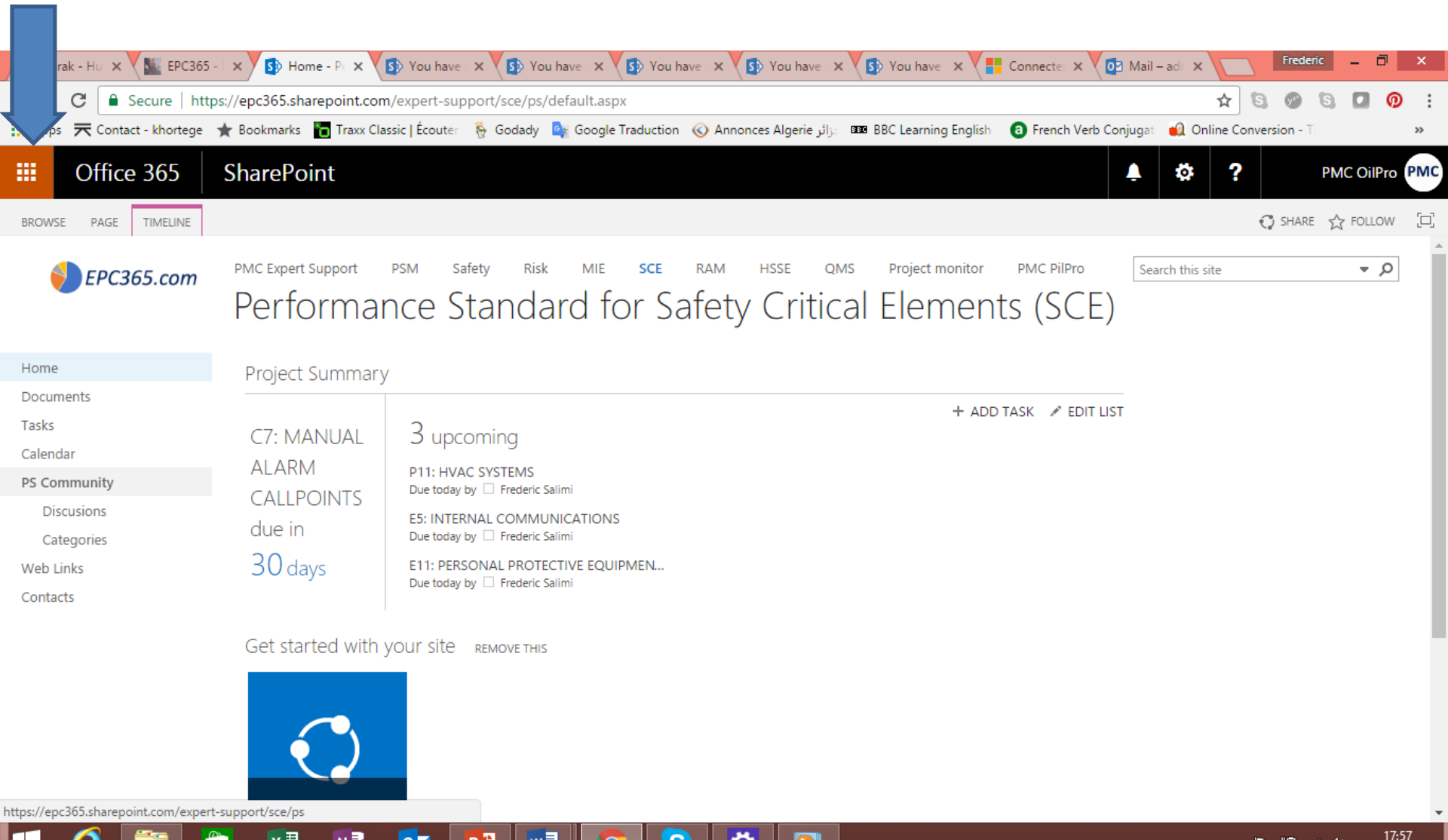
Click here to see your email and yammer



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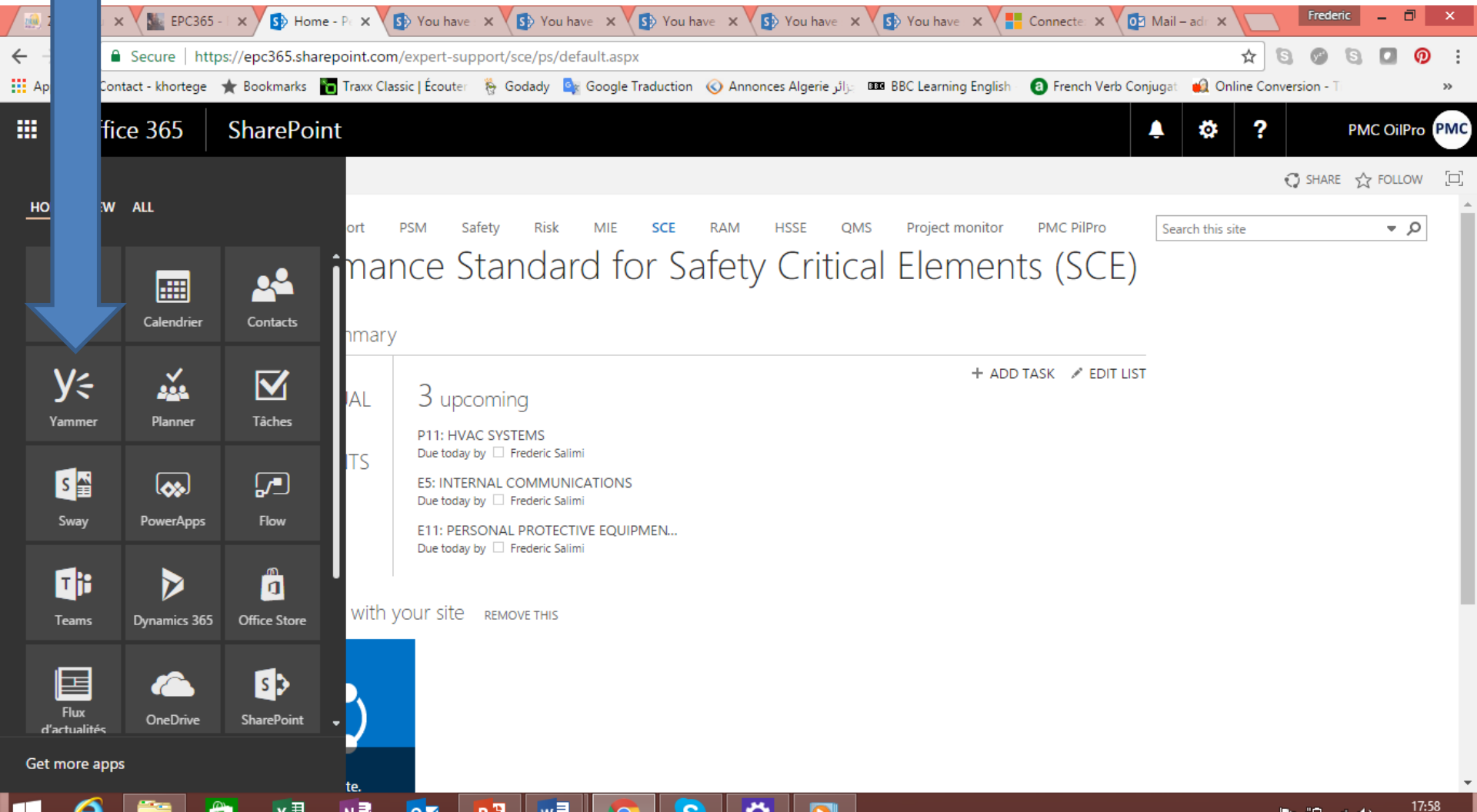
Click on yammer



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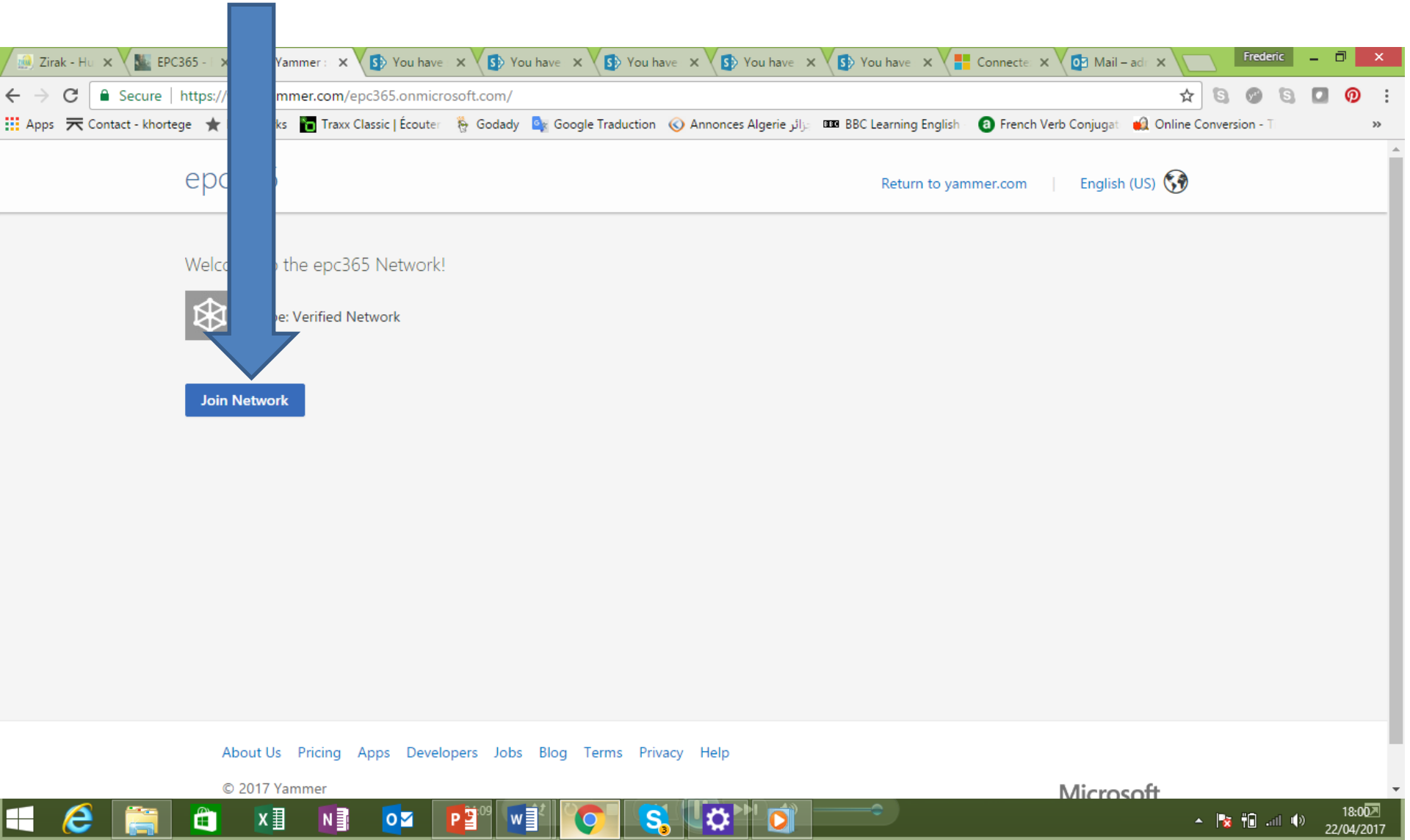
Click on Join this Network



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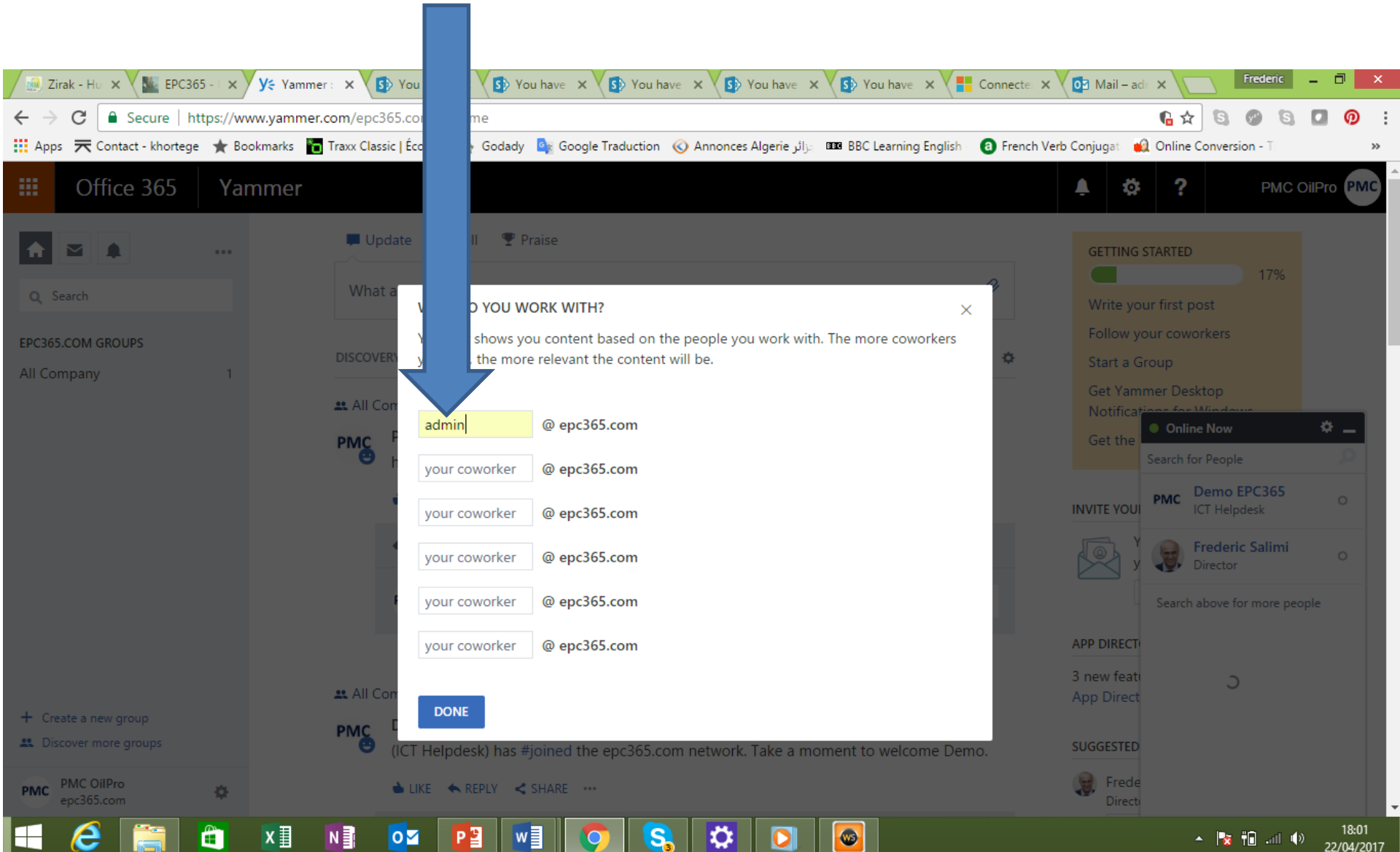
Insert admin, then click on done



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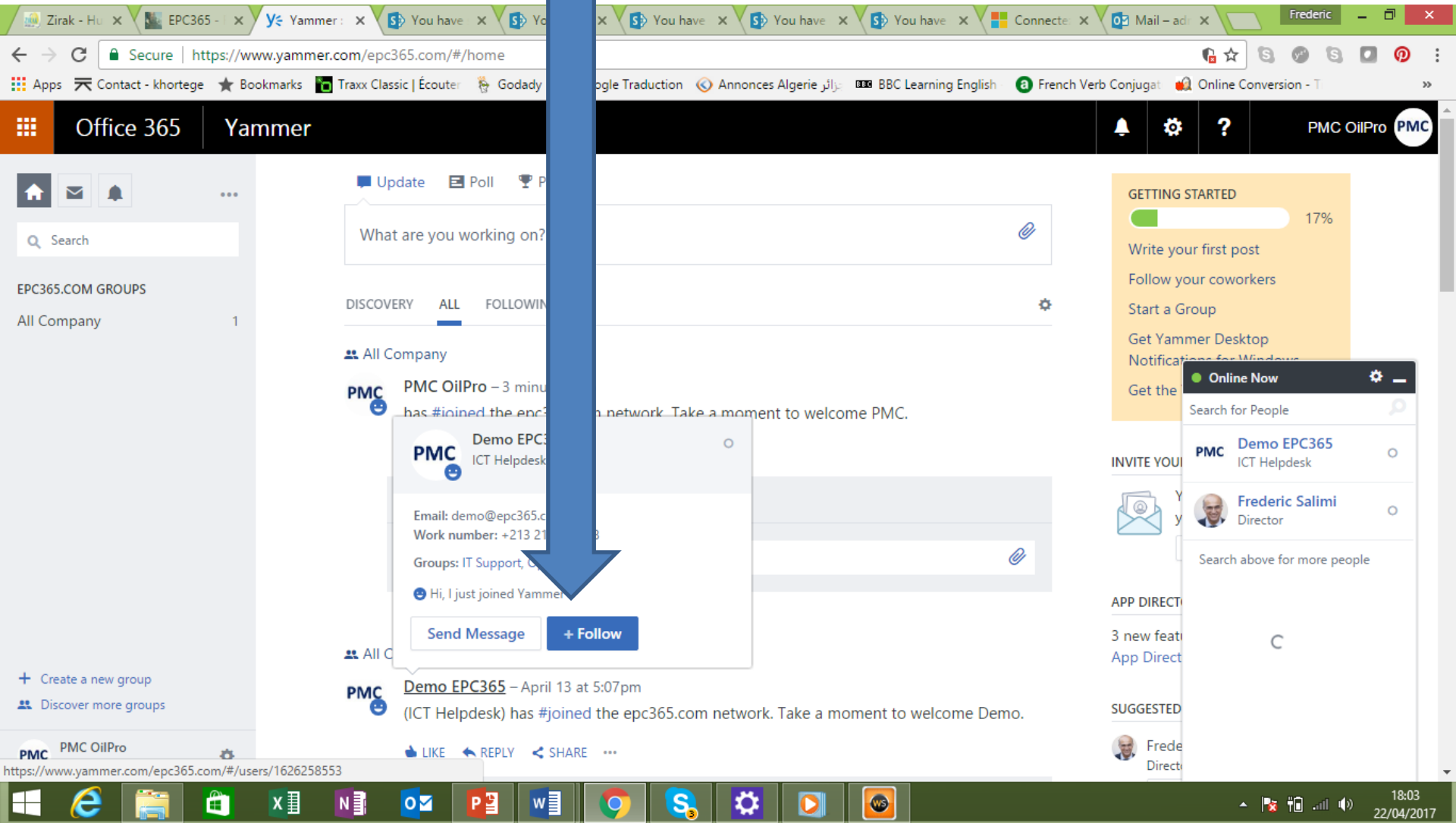
Click on PMC ICT follow



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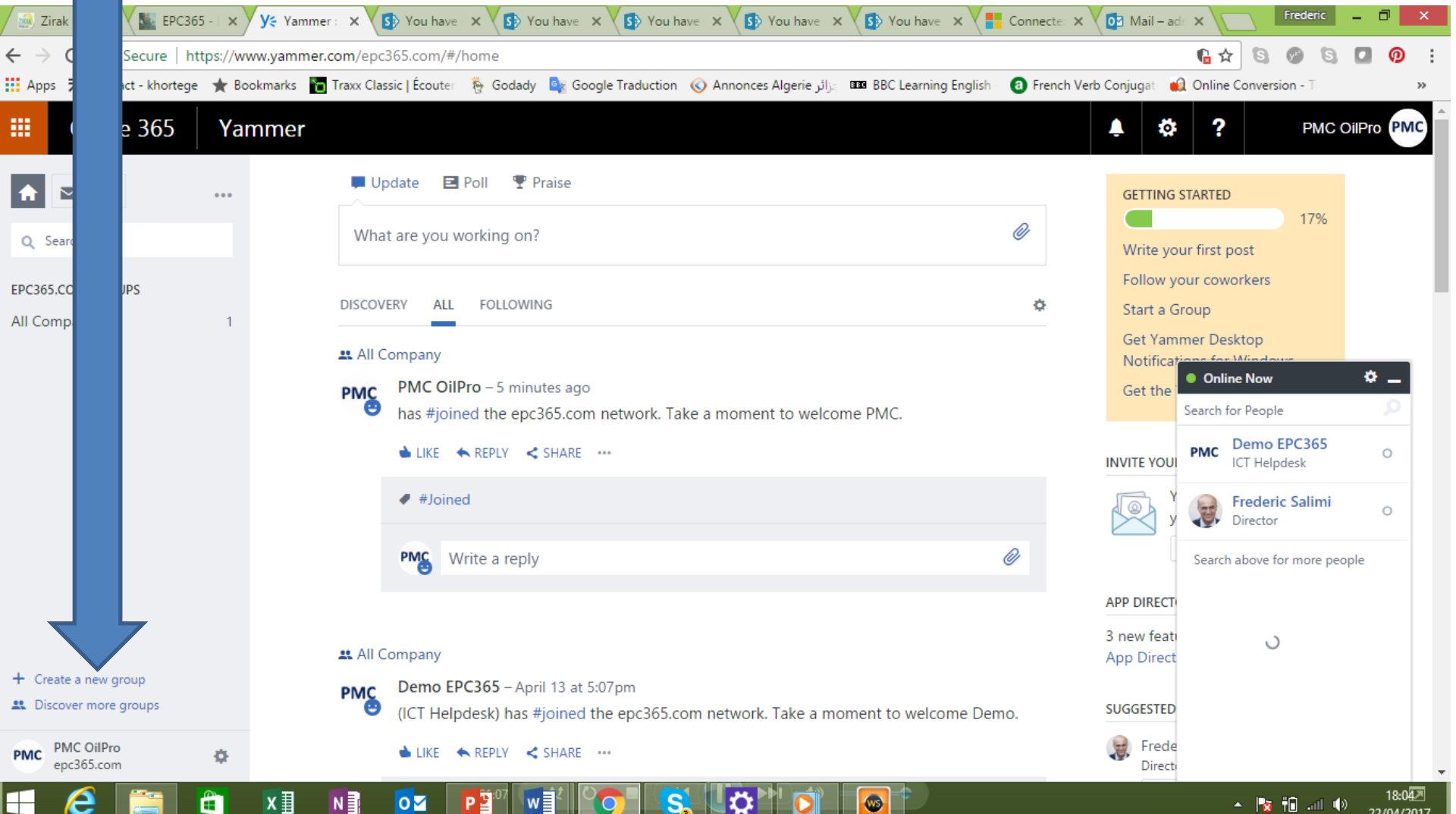
Click on Create a new group



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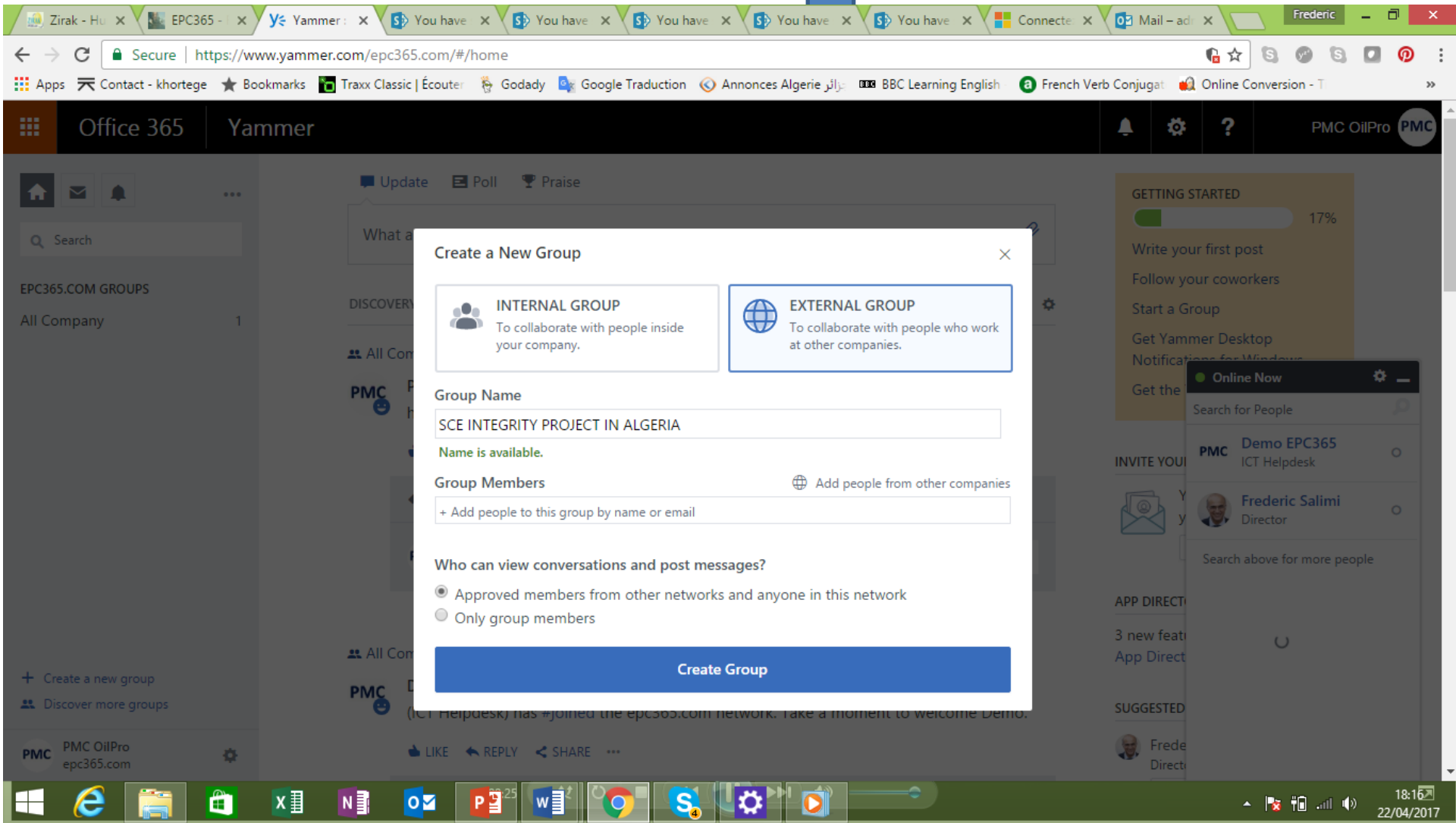
Click on EXTERNAL GROUP & add Project name



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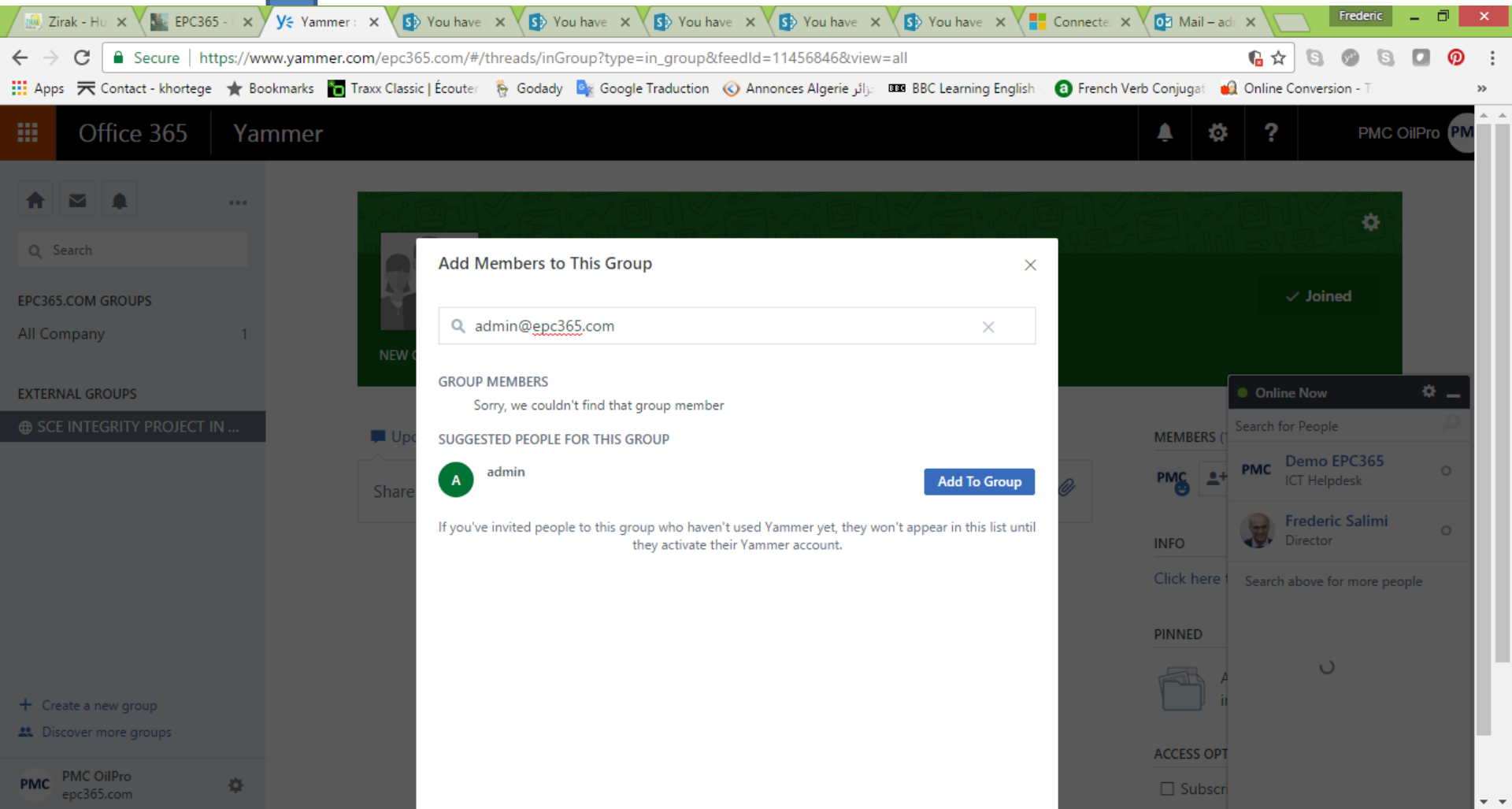
Add admin@epc365 in the group



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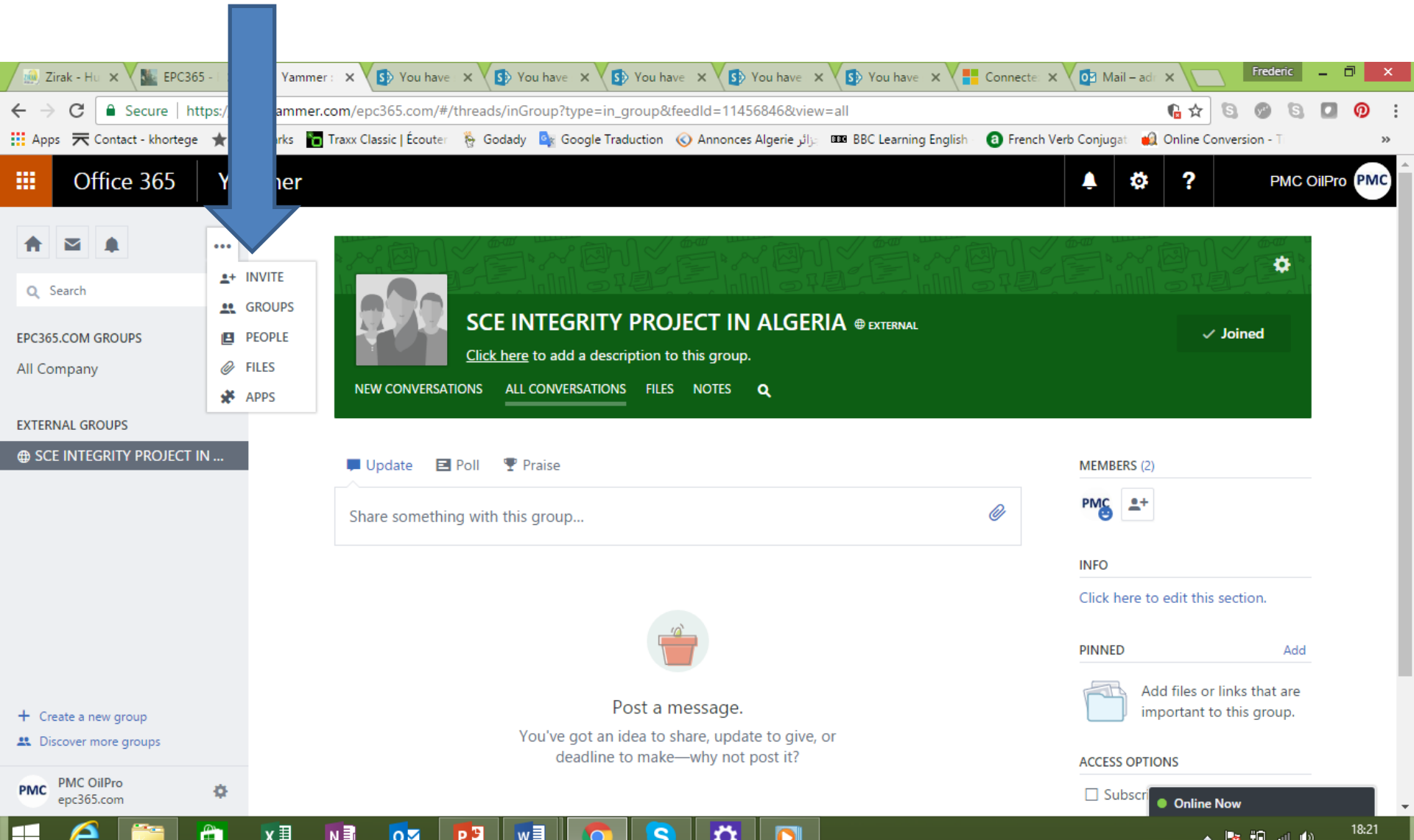
Invite Company, Contractors,Vendors and Authority



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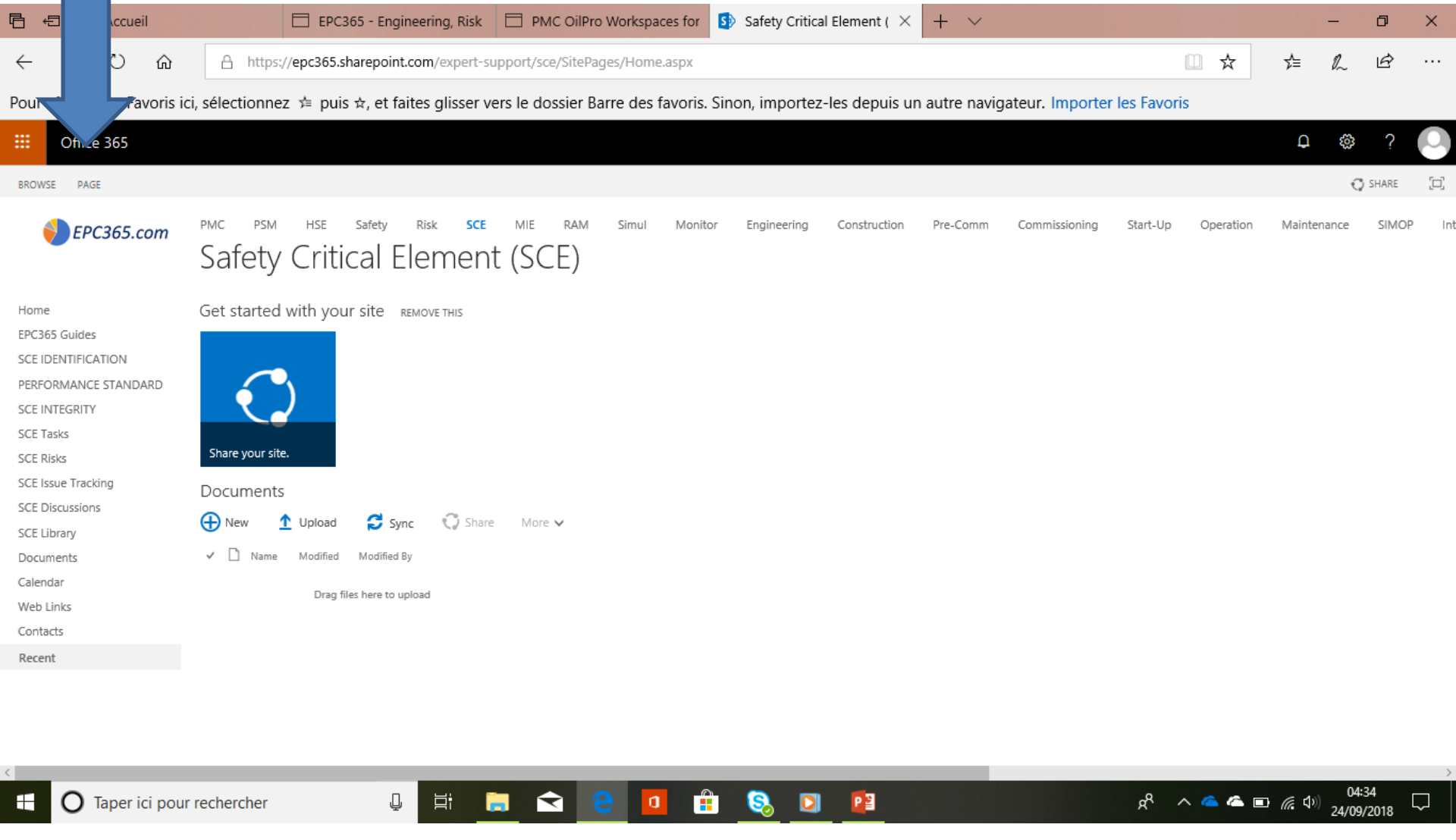
Click on Office365



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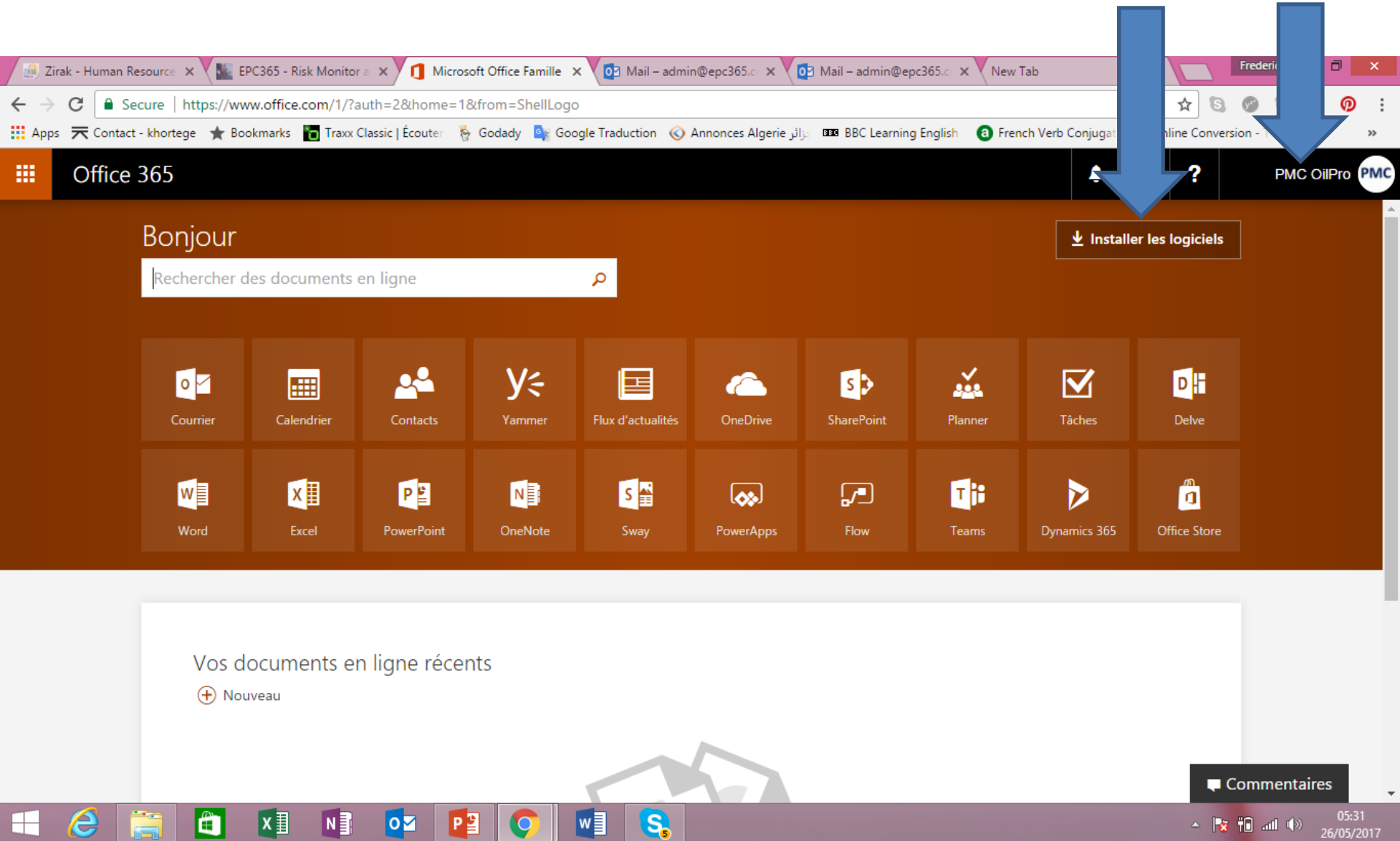
Click on Install Microsoft office 365 or your name



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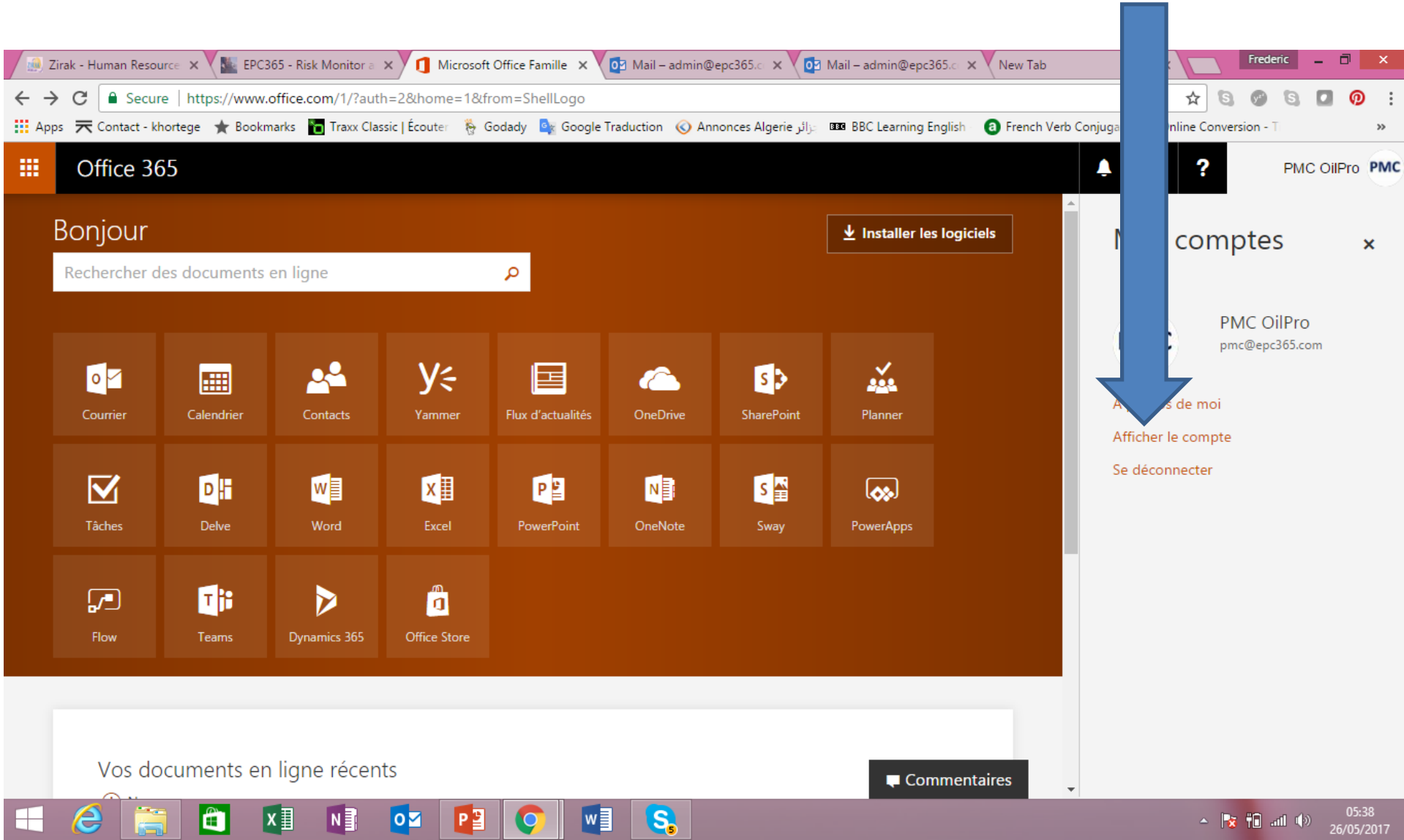
Click on view your account



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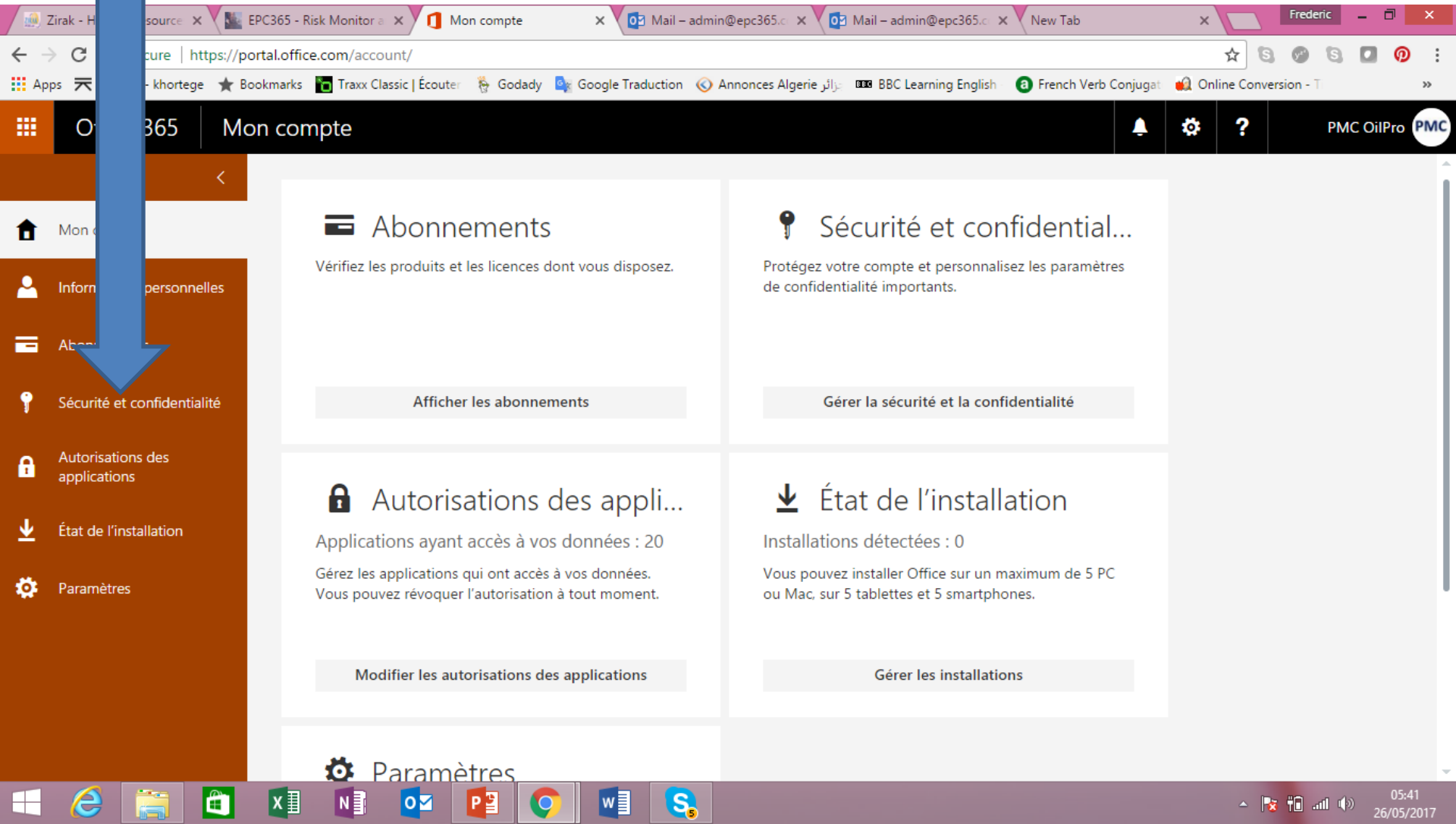
Change your password



Thank your for your kind attention!

If you have any question about Project monitor,
Please contact us.

CONTACT Us

Expert Support
Email: pmc@epc365.com

ICT Support
Email: admin@epc365.com
Web: www.epc365.com