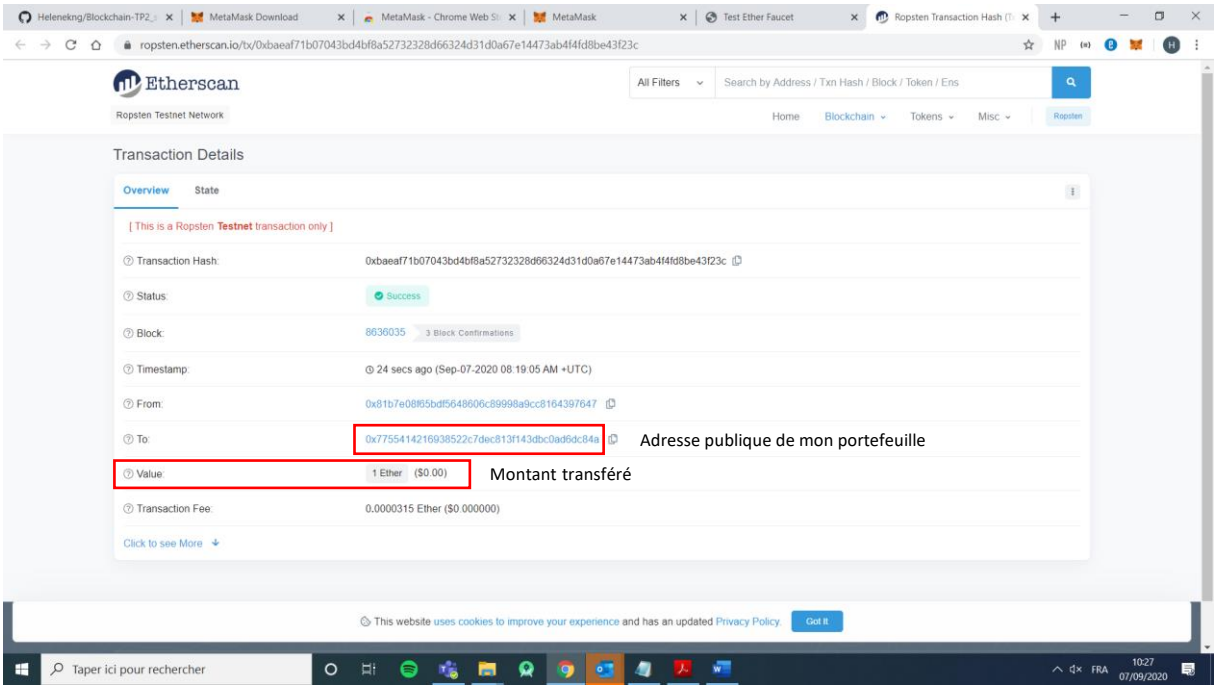
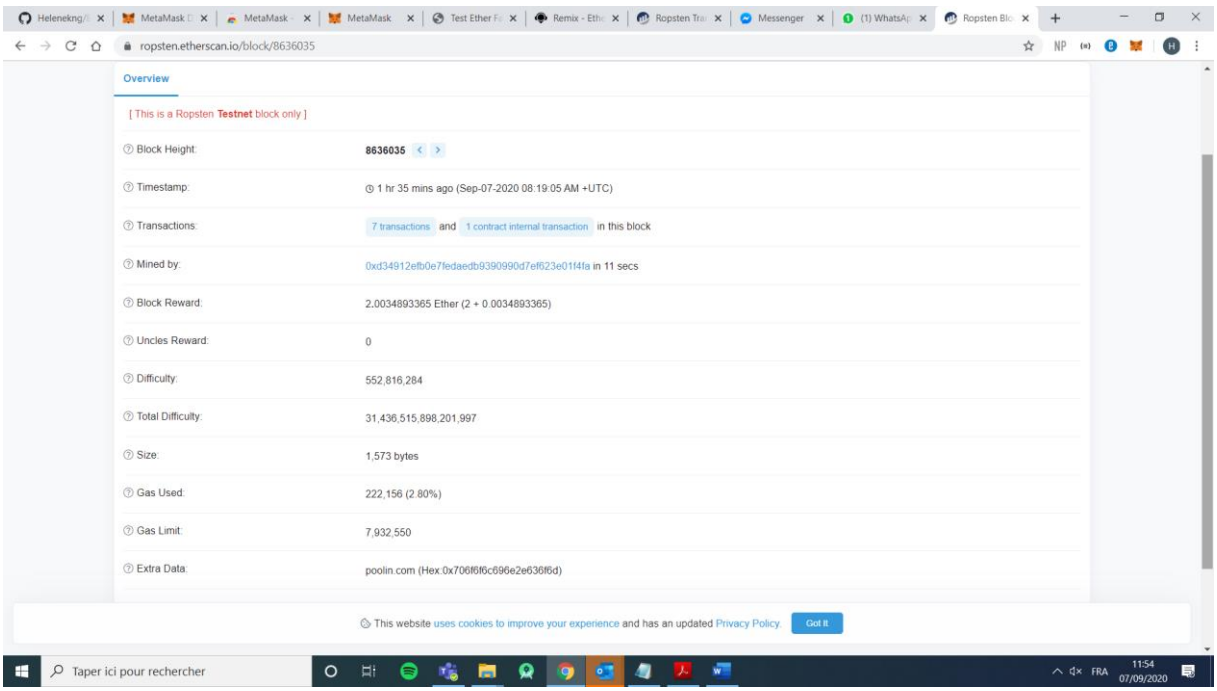
Hélène KAING A2I

TP Blockchain :

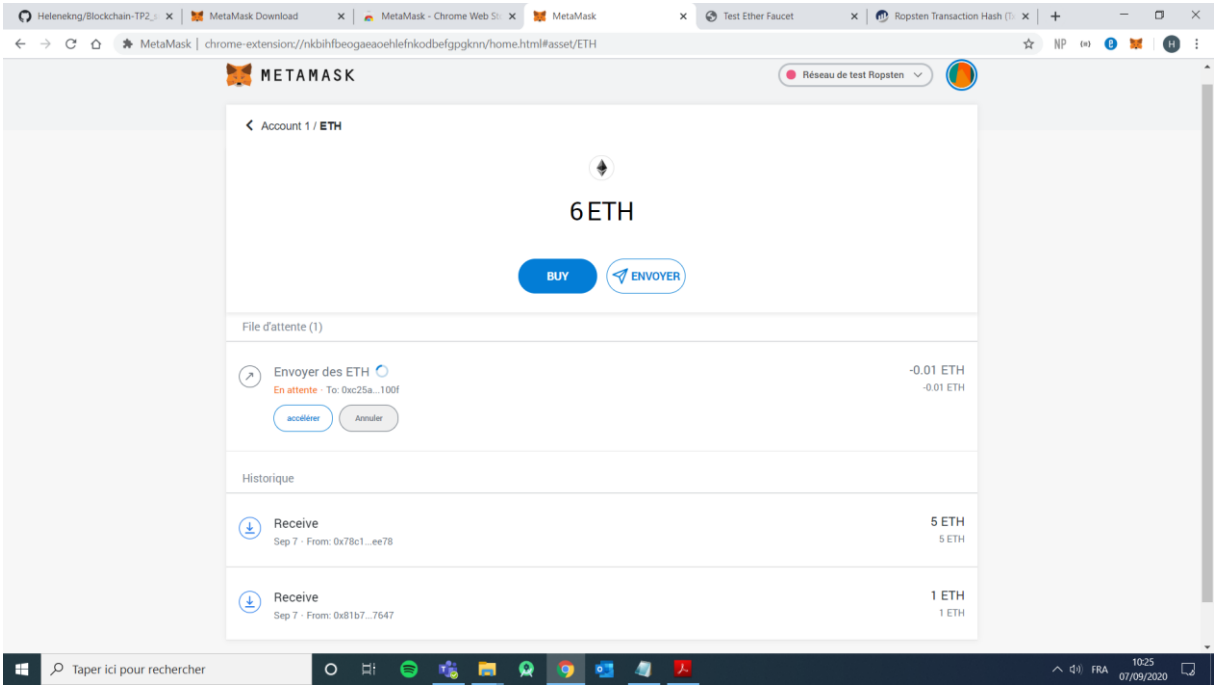
e. Réception d'1 éther :

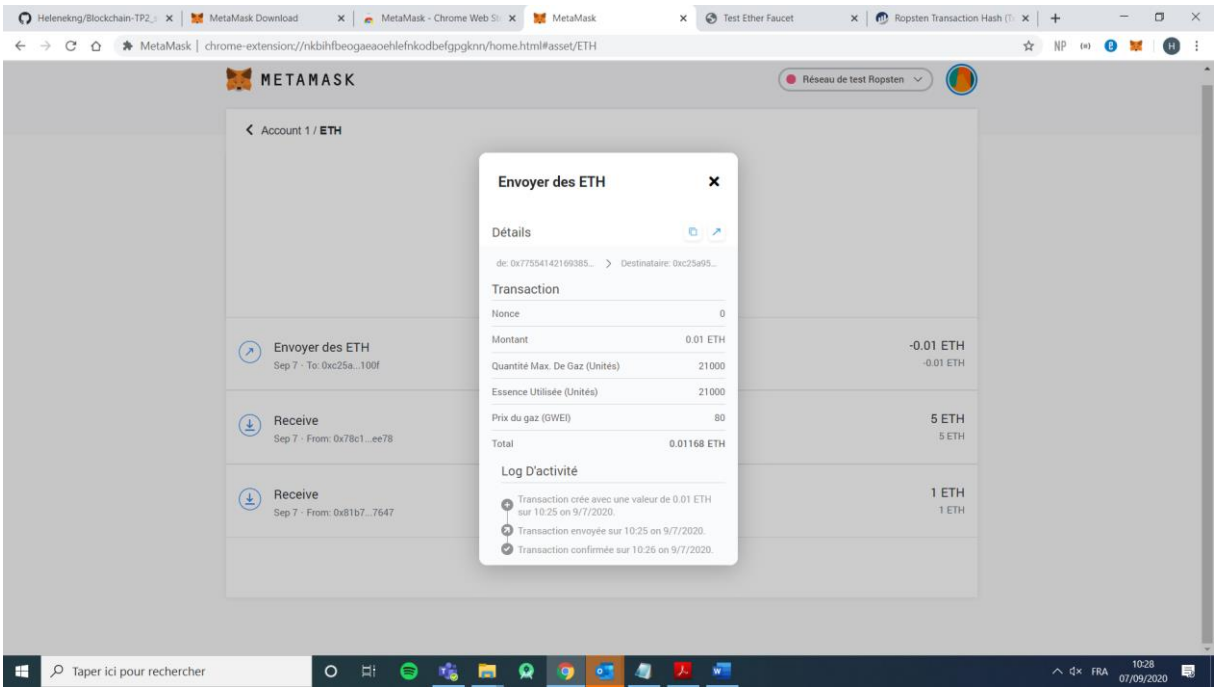


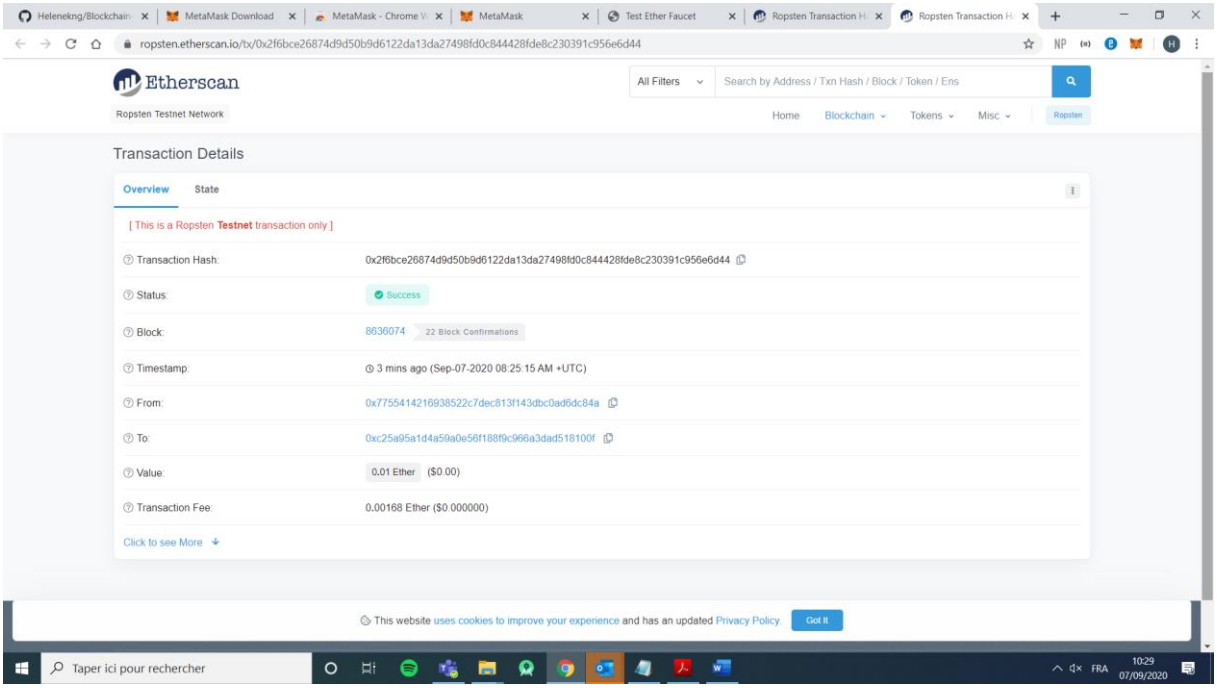
f. Détail du bloc :



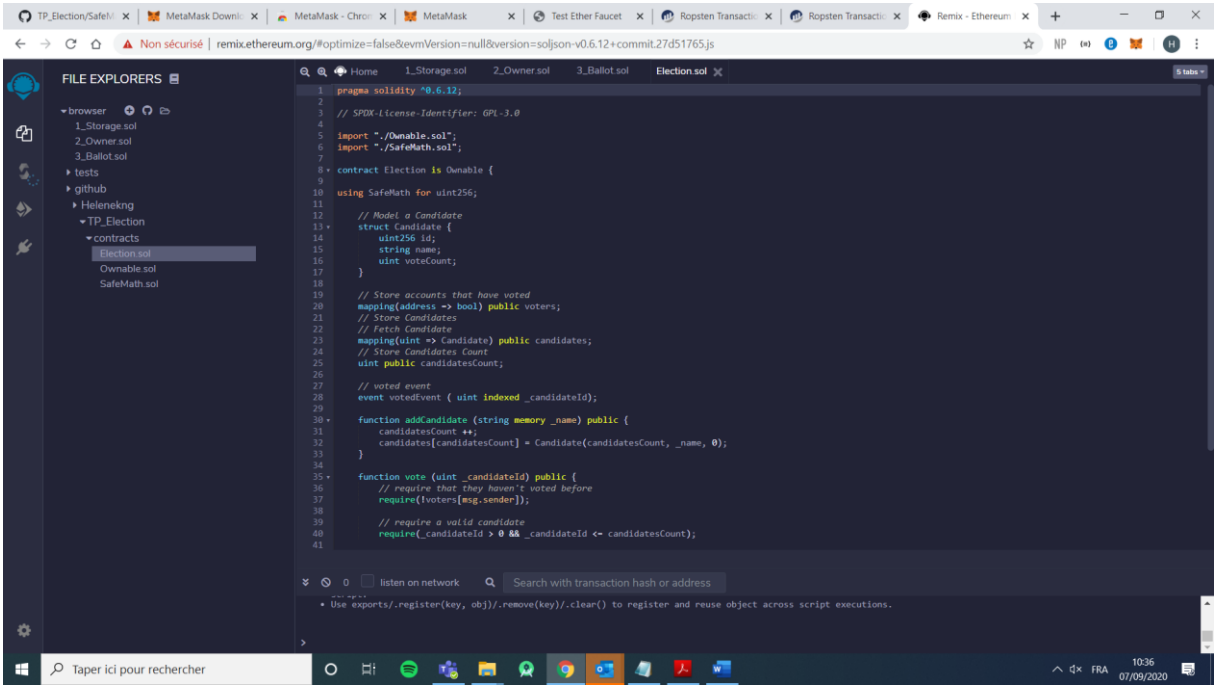
g. Envoie d’ethereum





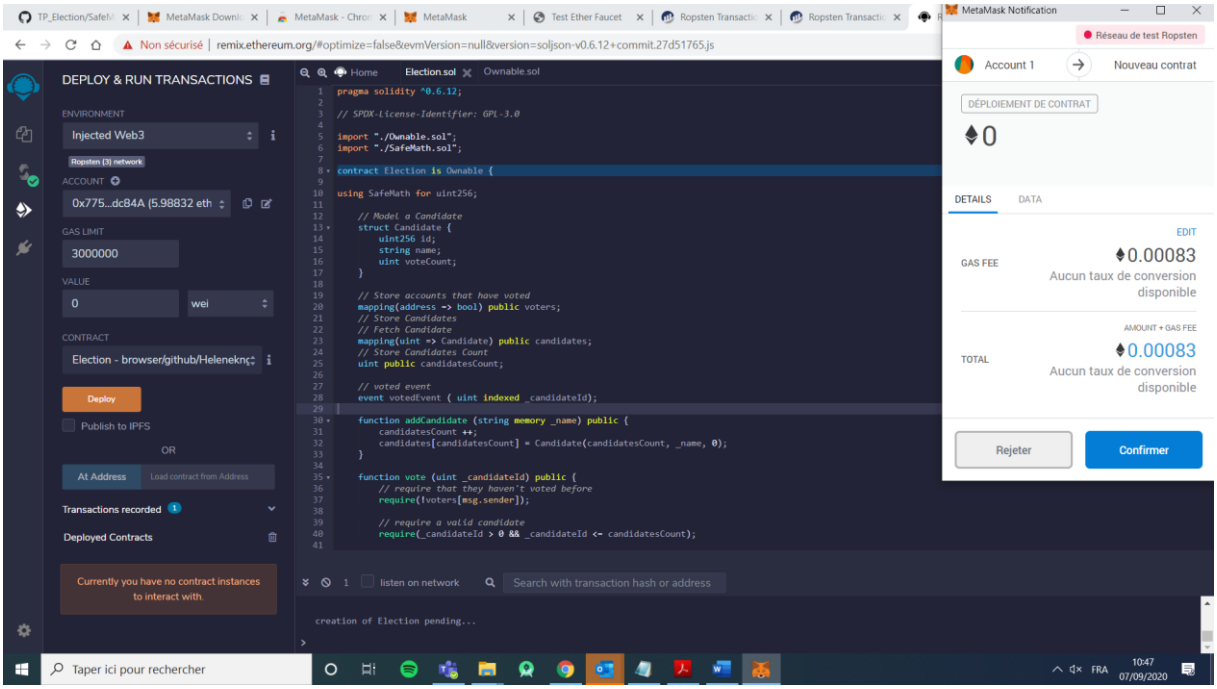


j.

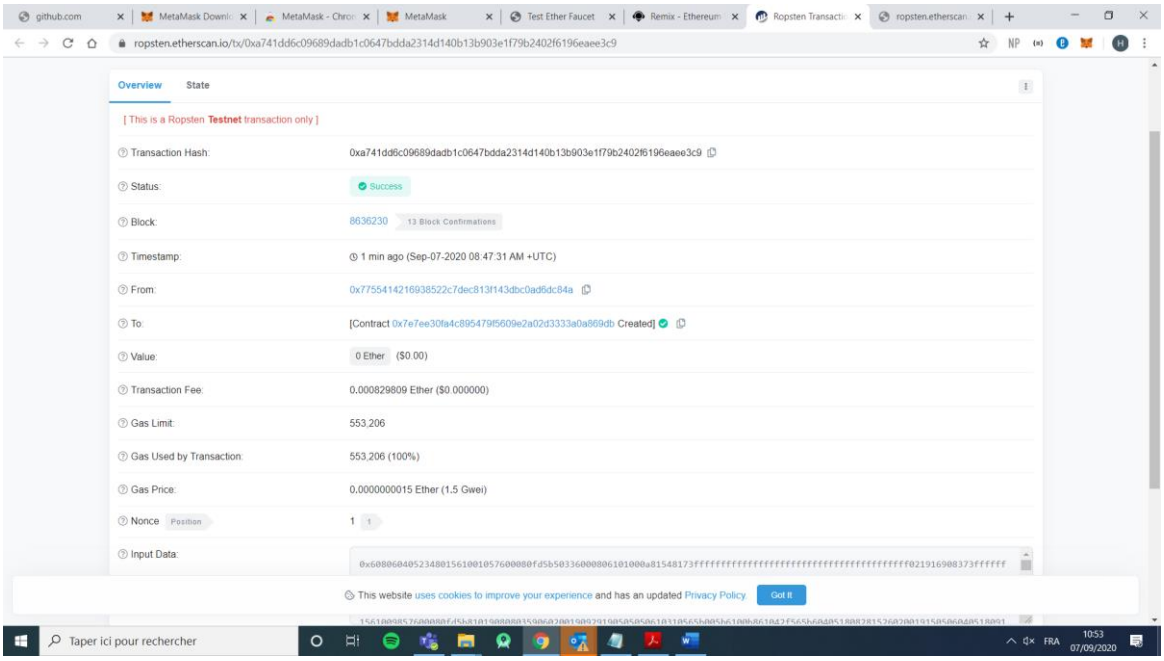


k. Voir fichiers Election_ABI.json et Election_Bytecode.json :
https://github.com/Helenekng/Blockchain-TP2_smartcontract1

m. Déploiement du smart contract



l.

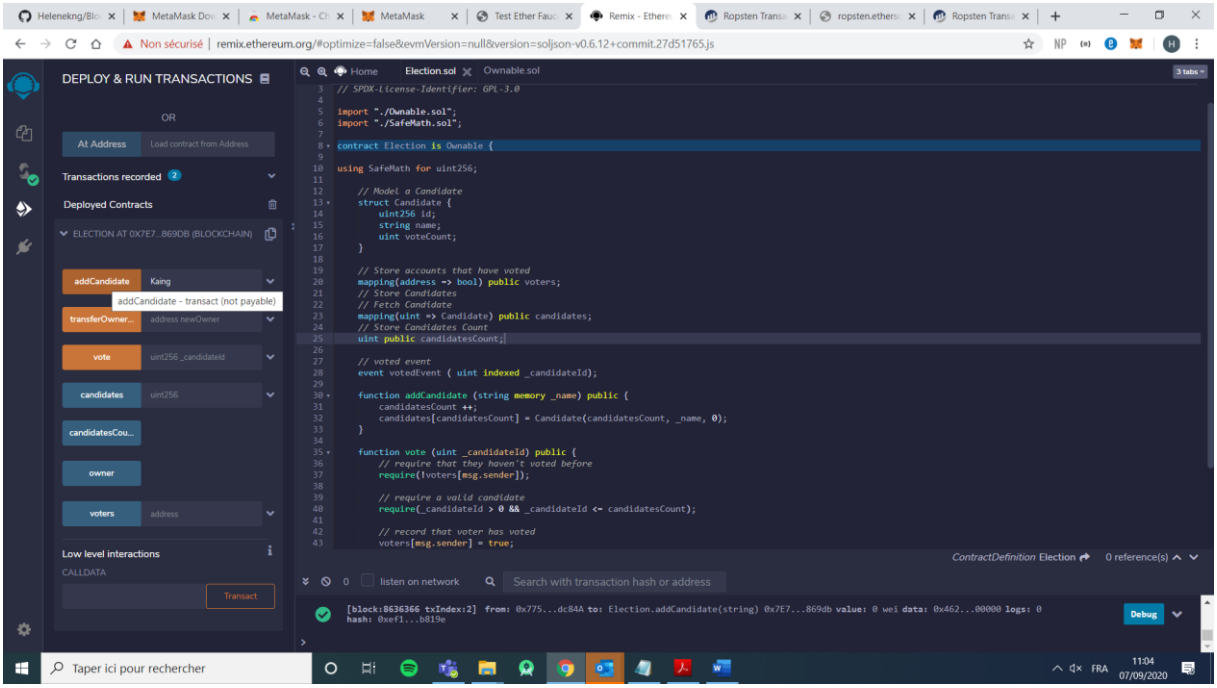


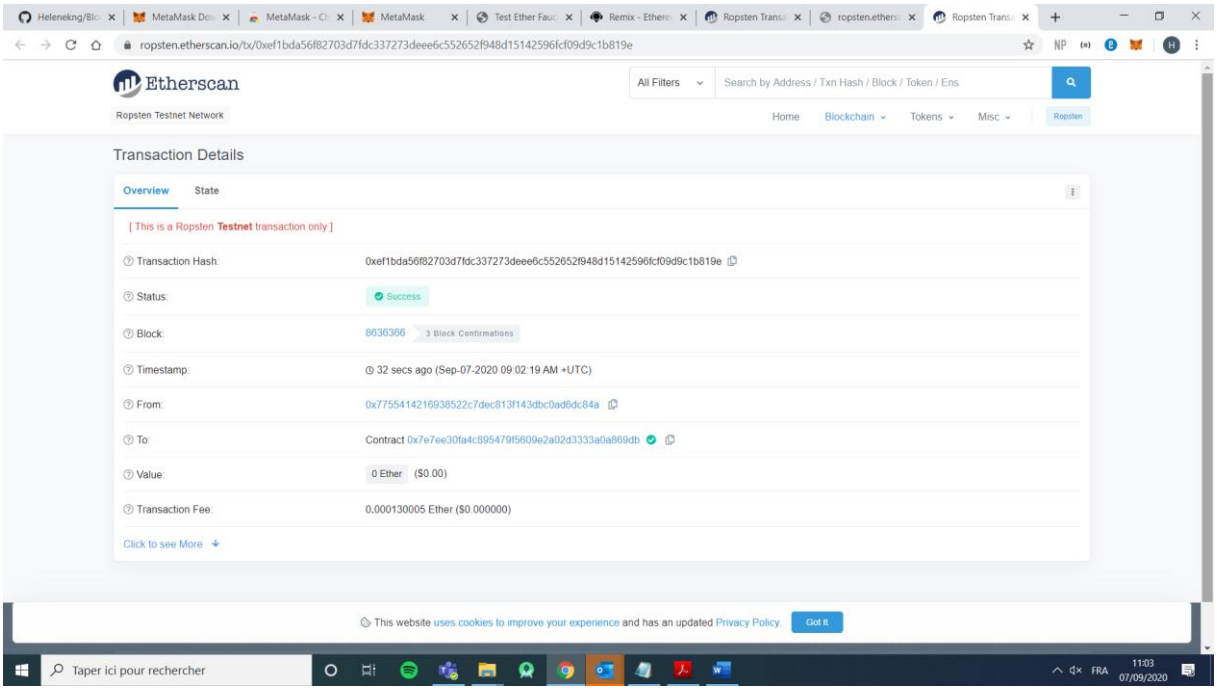
m.

Les frais de transactions sont différents car ceux évolue en fonction du nombre de transactions/de la saturation sur le réseau à l'instant T (voir ethereum.gasstation pour voir les frais à l'instant et estimer le bon moment, en fonction de la date de livraison également)

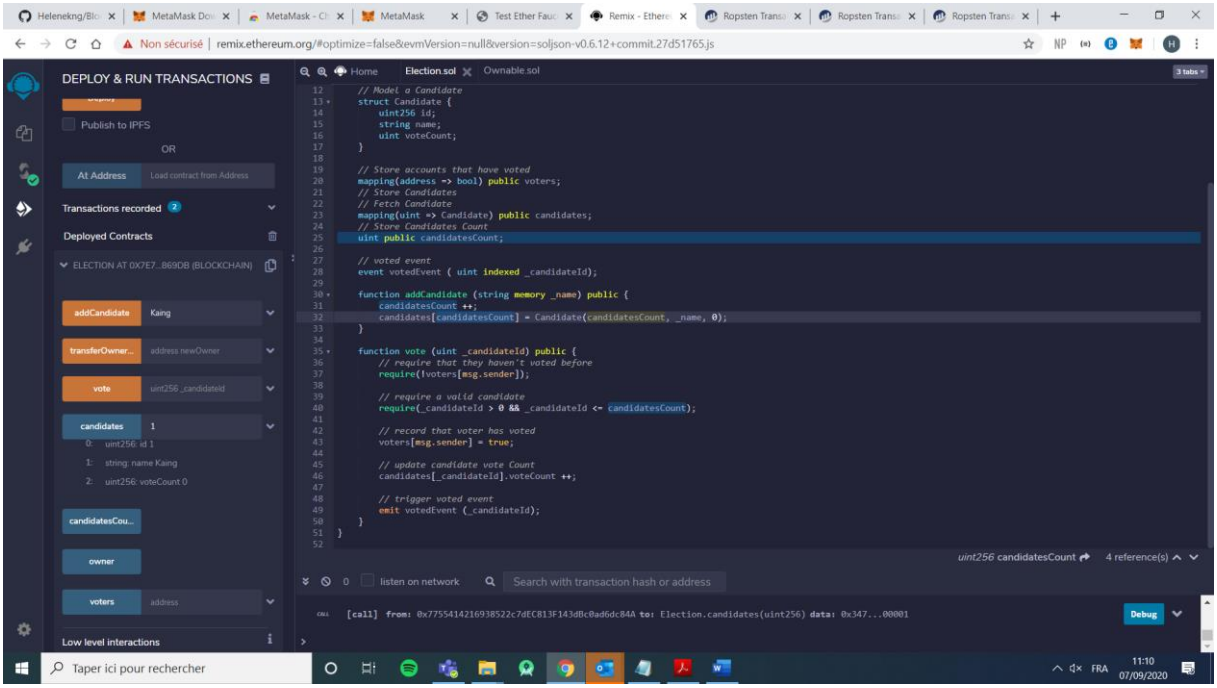
Adresse publique smartcontract : 0x7E7EE30Fa4c895479F5609e2a02d3333A0a869db

n. Add Canditates :

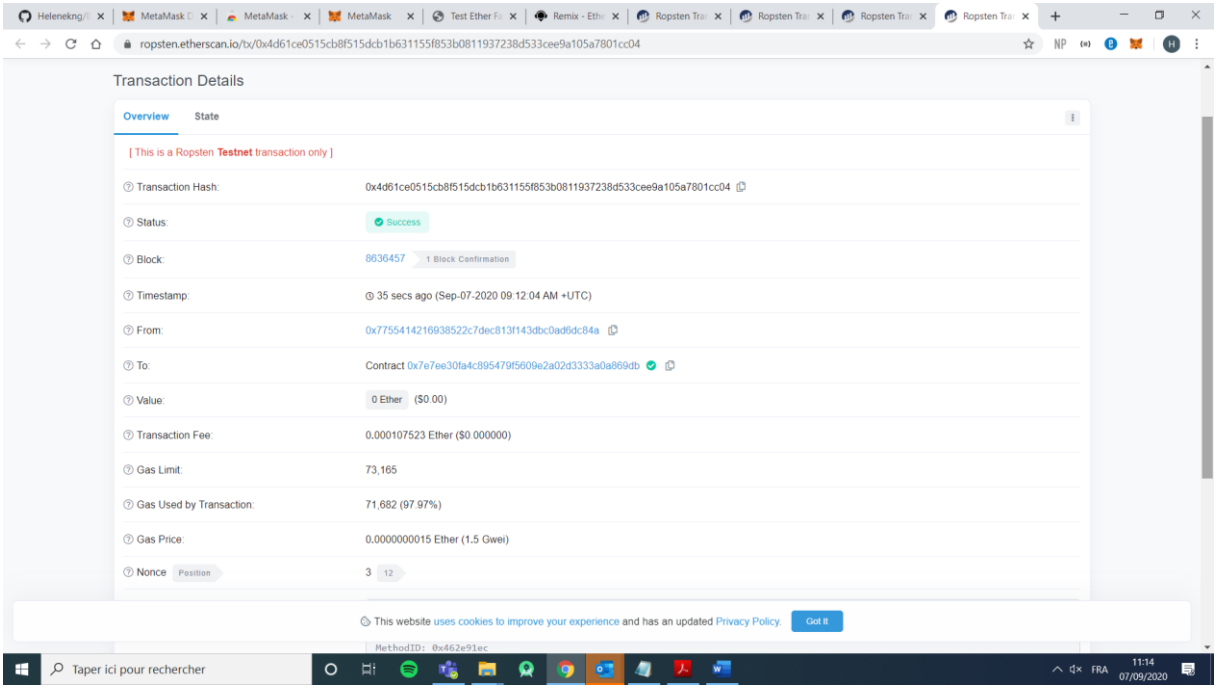




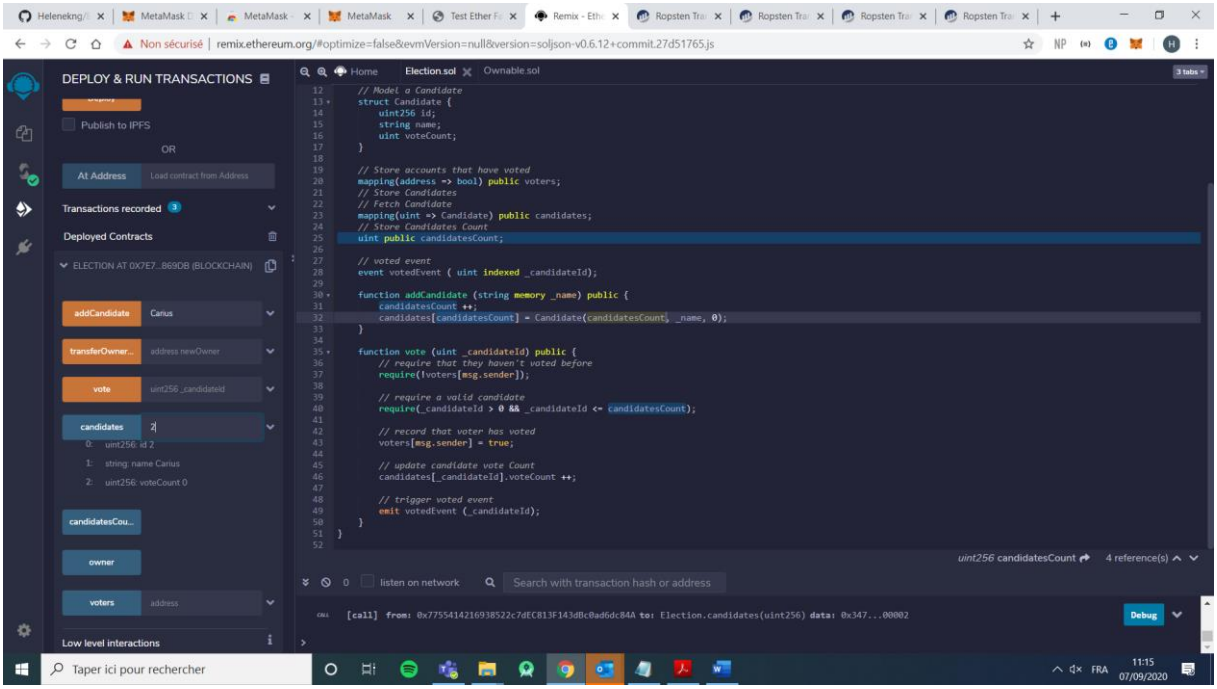
p. CandidateID = 1 :



q. Ajout 2ème candidat :

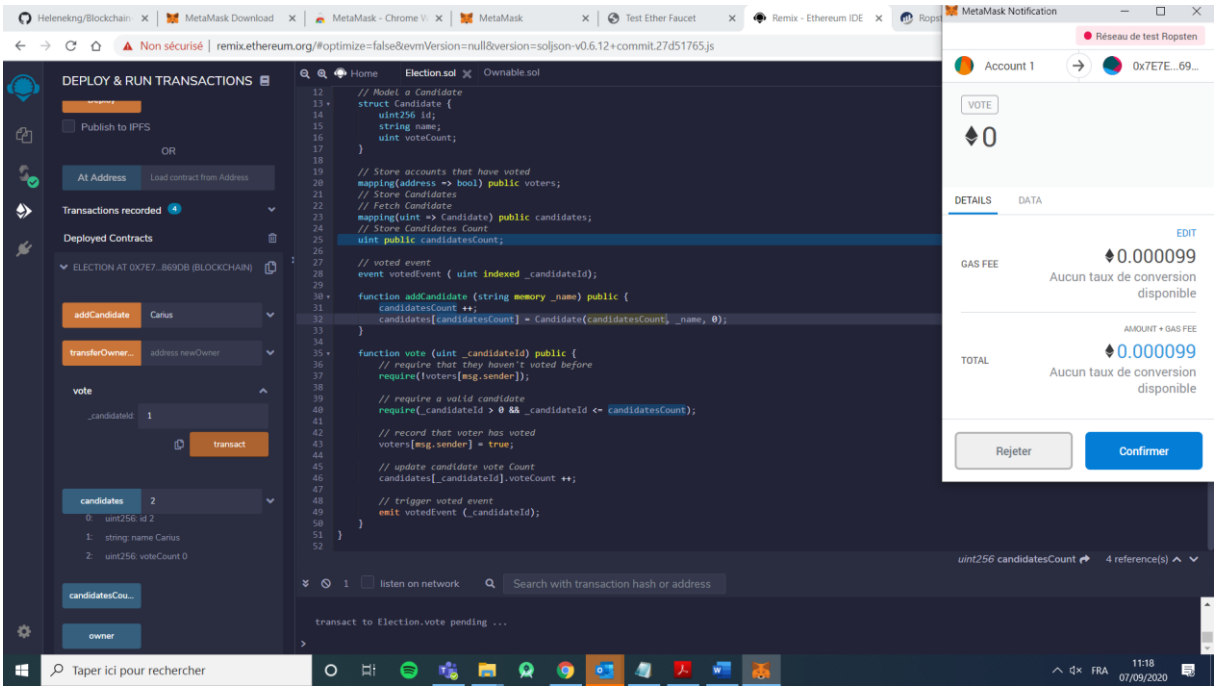


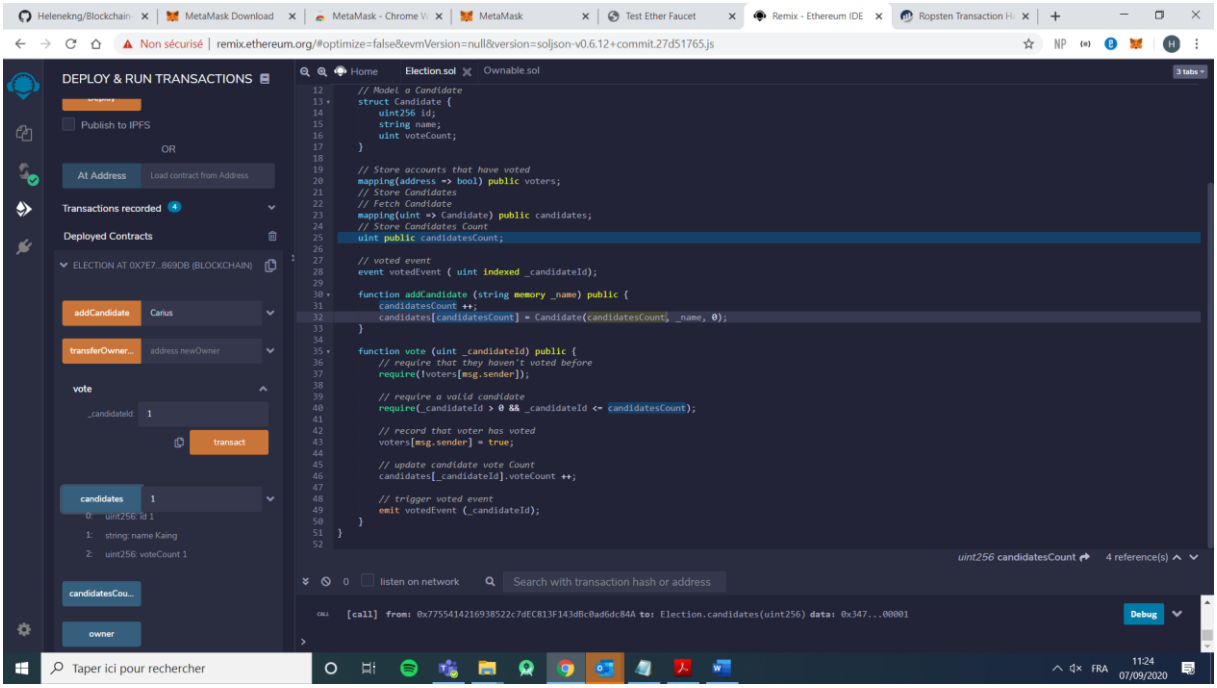
r. CandidateID : 2



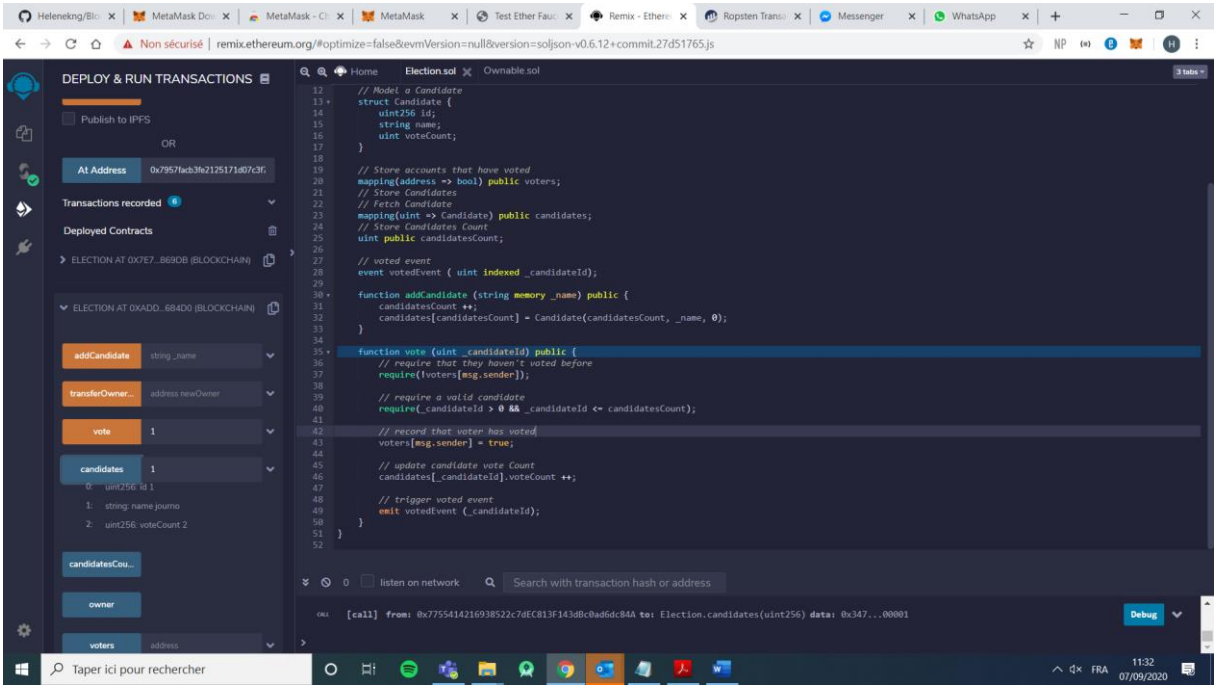
s. Adresse propriétaire contrat = 0x7755414216938522c7dec813f143dbc0ad6dc84a (moi)

t. Vote :

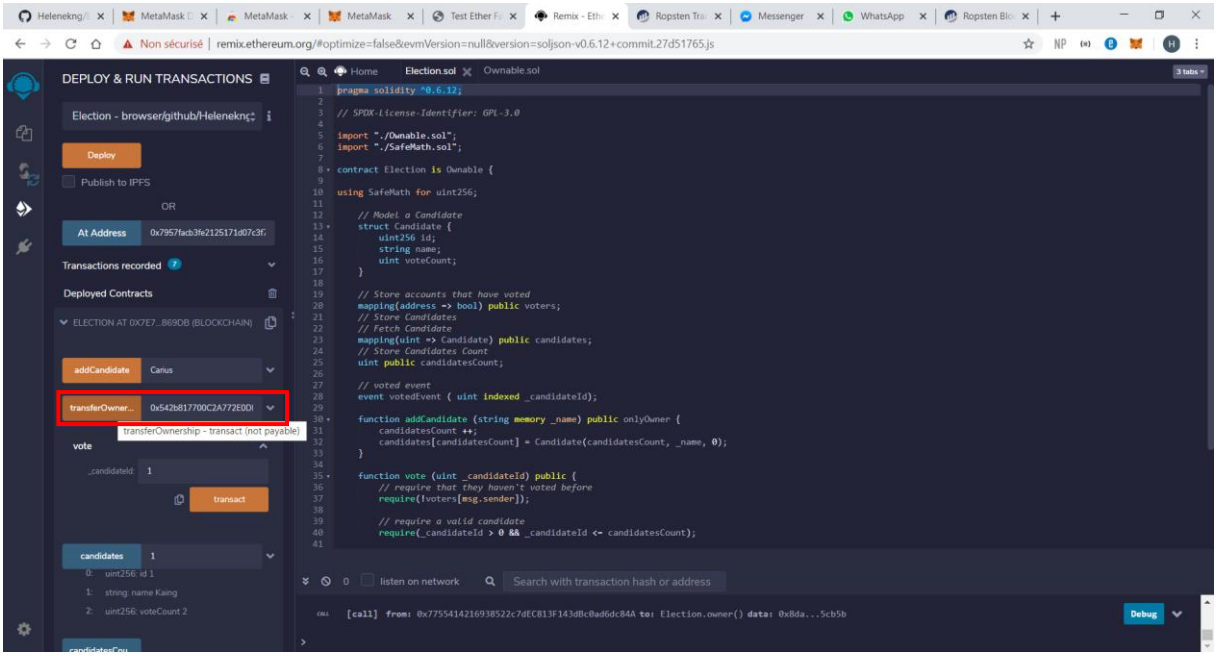


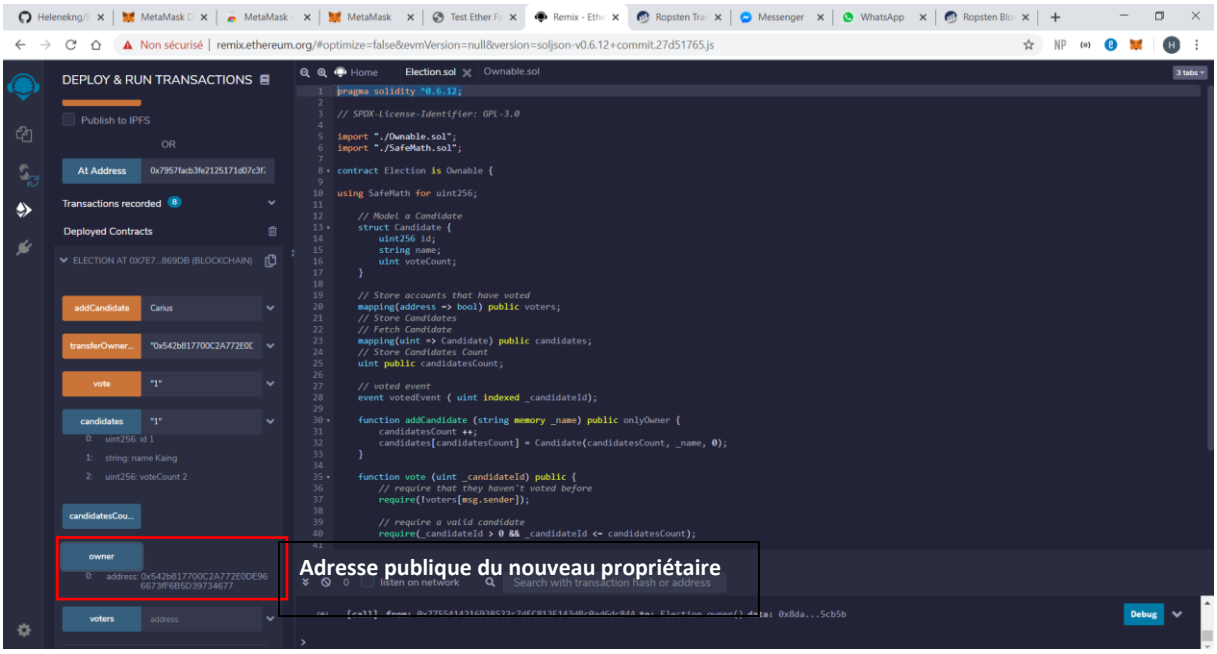


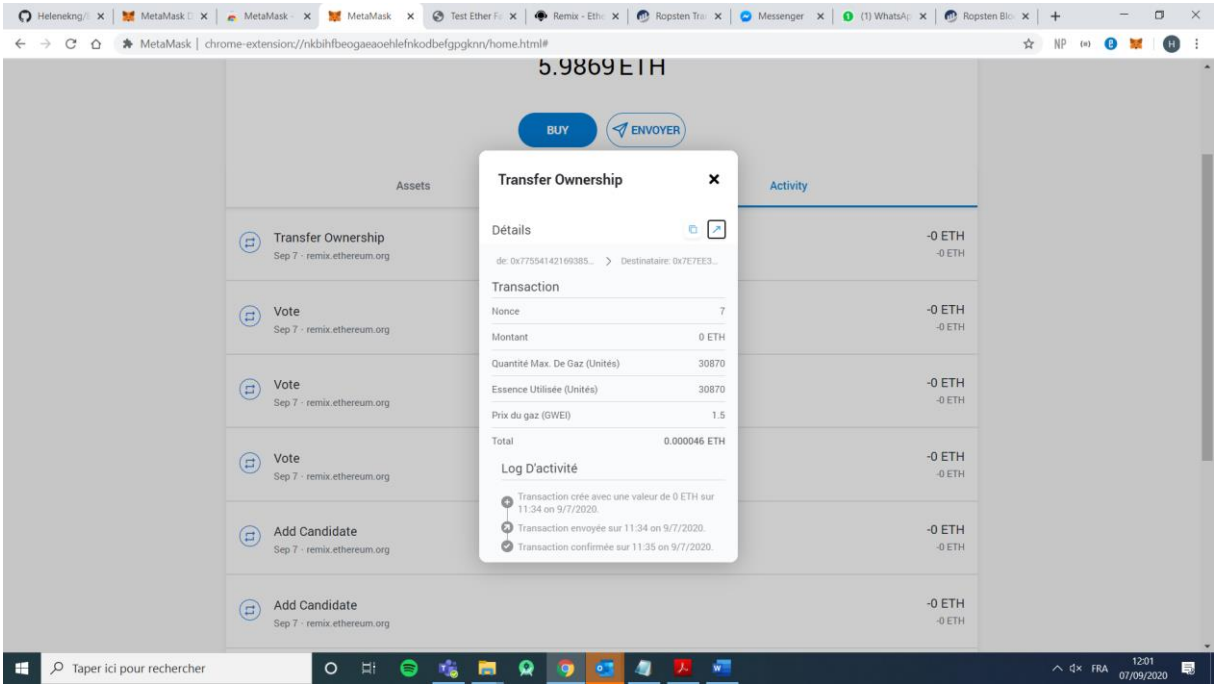
v. Vote sur le contrat d'un camarade :



w. Transfert de propriété à 0x542b817700C2A772E0DE966673fF6B5D39734677 :

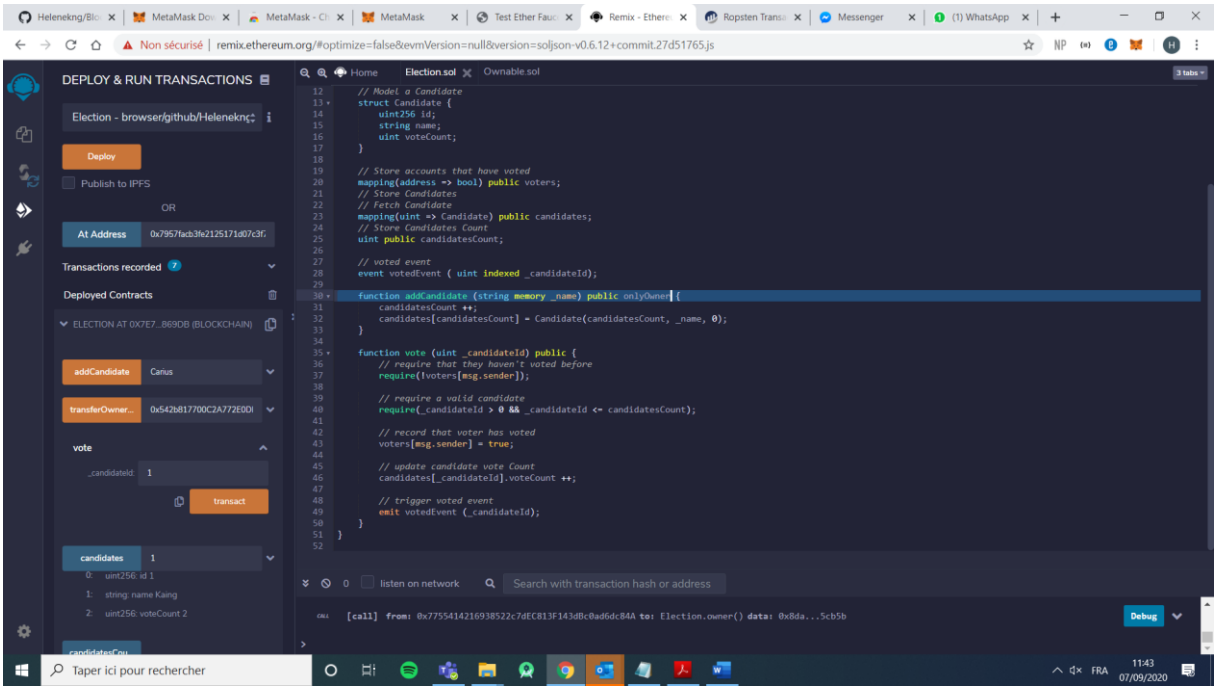




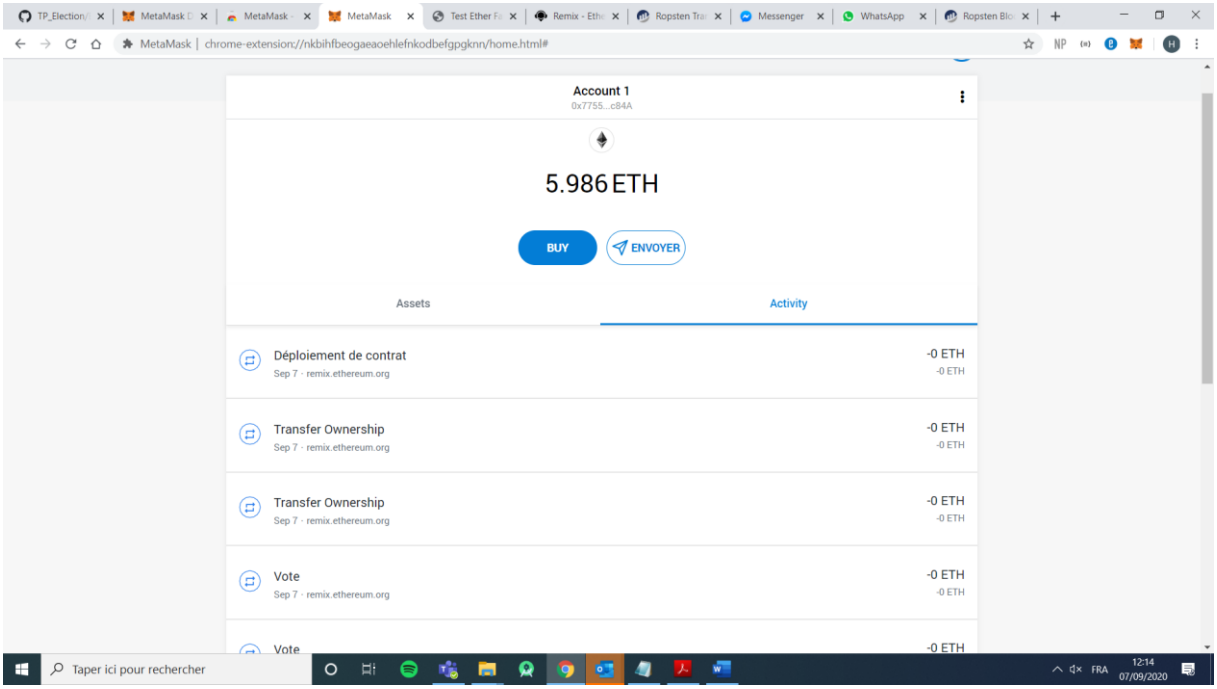


x . De la même manière que la fonction tranferOwnership(), on doit faire appel au modifier onlyOwner, présent Ownable.sol, dans la déclaration de la fonction.

y. Modification du code pour sécuriser la fonction addCandidate :



On recompile le contrat modifié, et on redéploie :


MetaMask | chrome-extension://nkbihfbeogaeaoehlefnkodbefgpgknn/home.html#
Account 1
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5.986 ETH
BUY
ENVOYER
Assets
Activity
Déploiement de contrat
Sep 7 · remix.ethereum.org
-0 ETH
-0 ETH
Transfer Ownership
Sep 7 · remix.ethereum.org
-0 ETH
-0 ETH
Transfer Ownership
Sep 7 · remix.ethereum.org
-0 ETH
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Vote
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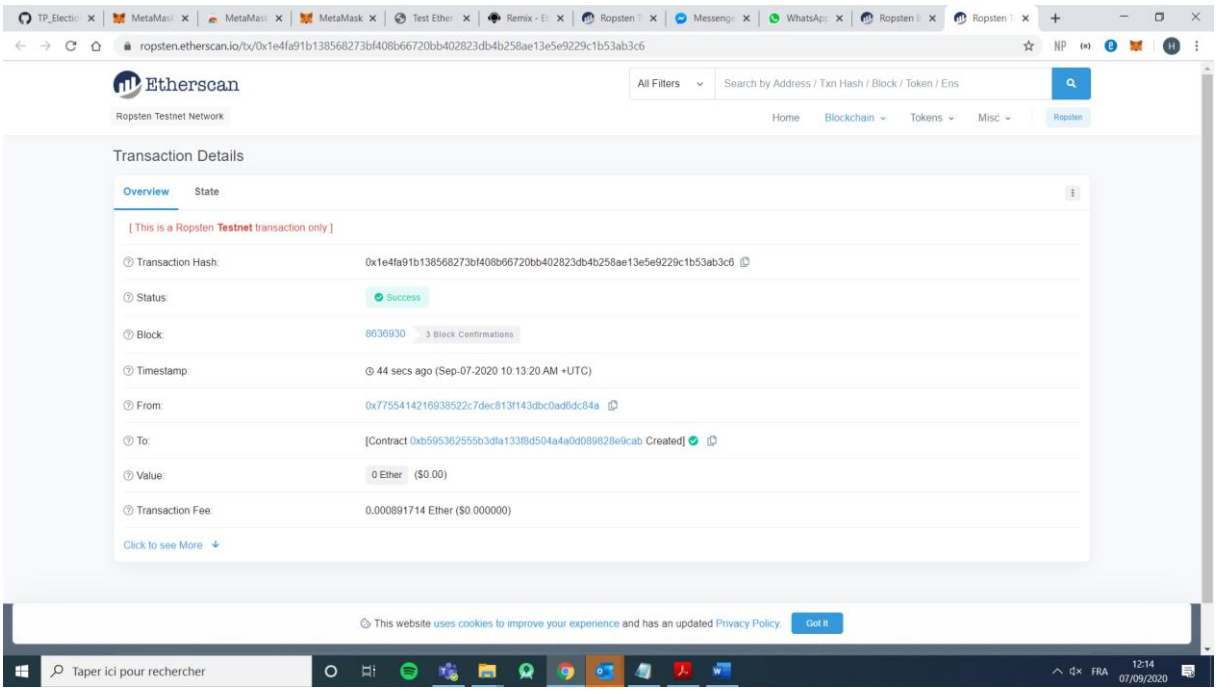
Vote
-0 ETH
Taper ici pour rechercher
FRA
12:14
07/09/2020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Etherscan
Ropsten Testnet Network
All Filters
Search by Address / Txn Hash / Block / Token / Ens
Home
Blockchain
Tokens
Misc
Ropsten
Transaction Details
Overview
State
[This is a Ropsten Testnet transaction only]
Transaction Hash:
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Status:
Success
Block:
8636930
3 Block Confirmations
Timestamp:
44 secs ago (Sep-07-2020 10:13:20 AM +UTC)
From:
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To:
[Contract 0xb595362555b3dfa133f8d504a4a0d089828e9cab Created]
Value:
0 Ether ($0.00)
Transaction Fee:
0.000891714 Ether ($0.000000)
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Got it
Taper ici pour rechercher
FRA
12:14
07/09/2020