

CreditToken.transferOwnership(address) (code.sol#29-31) should emit an event for:

- owner = newOwner (code.sol#30)

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#missing-events-access-control>

CreditToken.transferOwnership(address).newOwner (code.sol#29) lacks a zero-check on :

- owner = newOwner (code.sol#30)

CCSC\_CompanyRanking.constructor(address,address,address,address).\_registrationUnit (code.sol#69) lacks a zero-check on :

- registrationUnit = \_registrationUnit (code.sol#70)

CCSC\_CompanyRanking.constructor(address,address,address,address).\_approvalUnit (code.sol#69) lacks a zero-check on :

- approvalUnit = \_approvalUnit (code.sol#71)

CCSC\_CompanyRanking.constructor(address,address,address,address).\_ceWasteManagement (code.sol#69) lacks a zero-check on :

- ceWasteManagement = \_ceWasteManagement (code.sol#72)

CCSC\_CompanyRanking.register(string,address).\_companyAddress (code.sol#77) lacks a zero-check on :

- constructionCompanyAddress = \_companyAddress (code.sol#80)

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#missing-zero-address-validation>

Reentrancy in CCSC\_CompanyRanking.approveCompany(uint256) (code.sol#106-139):

External calls:

- CreditTokenContract.mint(constructionCompanyAddress,Credit) (code.sol#137)

Event emitted after the call(s):

- CompanyRanked(\_score,rank,Credit) (code.sol#138)

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#reentrancy-vulnerabilities-3>

Pragma version^0.8.0 (code.sol#2) allows old versions

solc-0.8.24 is not recommended for deployment

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#incorrect-versions-of-solidity>

Parameter CreditToken.mint(address,uint256).\_to (code.sol#23) is not in mixedCase

Contract CCSC\_CompanyRanking (code.sol#34-140) is not in CapWords

Parameter CCSC\_CompanyRanking.register(string,address).\_companyId (code.sol#77) is not in mixedCase

Parameter CCSC\_CompanyRanking.register(string,address).\_companyAddress (code.sol#77) is not in mixedCase

Parameter CCSC\_CompanyRanking.reportExpenditures(uint256).\_Amount (code.sol#102) is not in mixedCase

Parameter CCSC\_CompanyRanking.approveCompany(uint256).\_reportedExpenditures (code.sol#106) is not in mixedCase

Variable CCSC\_CompanyRanking.CreditTokenContract (code.sol#42) is not in mixedCase

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#conformance-to-solidity-naming-conventions>

CreditToken.decimals (code.sol#8) should be constant

CreditToken.name (code.sol#6) should be constant

CreditToken.symbol (code.sol#7) should be constant

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#state-variables-that-could-be-declared-constant>