

ERC-20 Token Deployment Workflow

1



Write & Compile

- Write Solidity contract
- Compile to bytecode
- Generate ABI

2



Deploy to Network

- Choose network (mainnet/testnet)
- Send deployment transaction
- Pay gas fees

Y

3



Get Contract Address

- Transaction mined
- Contract assigned address
- Save address for reference

4



Verify on Explorer

- Submit source code
- Match with bytecode
- Enable public interaction

5



Interact & Use

- Call contract functions
- Transfer tokens
- Monitor events

Common Networks:

Ethereum Mainnet

Production (expensive gas)

Sepolia/Goerli

Testing (free testnet ETH)

Polygon/Arbitrum

L2 (cheaper gas)