Trust Quotient

Ethical Context / Responsibilities

IDENTITY

✓ / ✗

balance trust source importance

balance trust source quantity

balance nodes

FAIRNESS

REPUTATION

VERIFICATION COUNTS

✓ / ✗

+   +

+

PERFORMANCE

rating values

rating parameters

contracts

RESPONSIBILITY   TIIQU MEMBERS   TIIQU ORGANIZATION
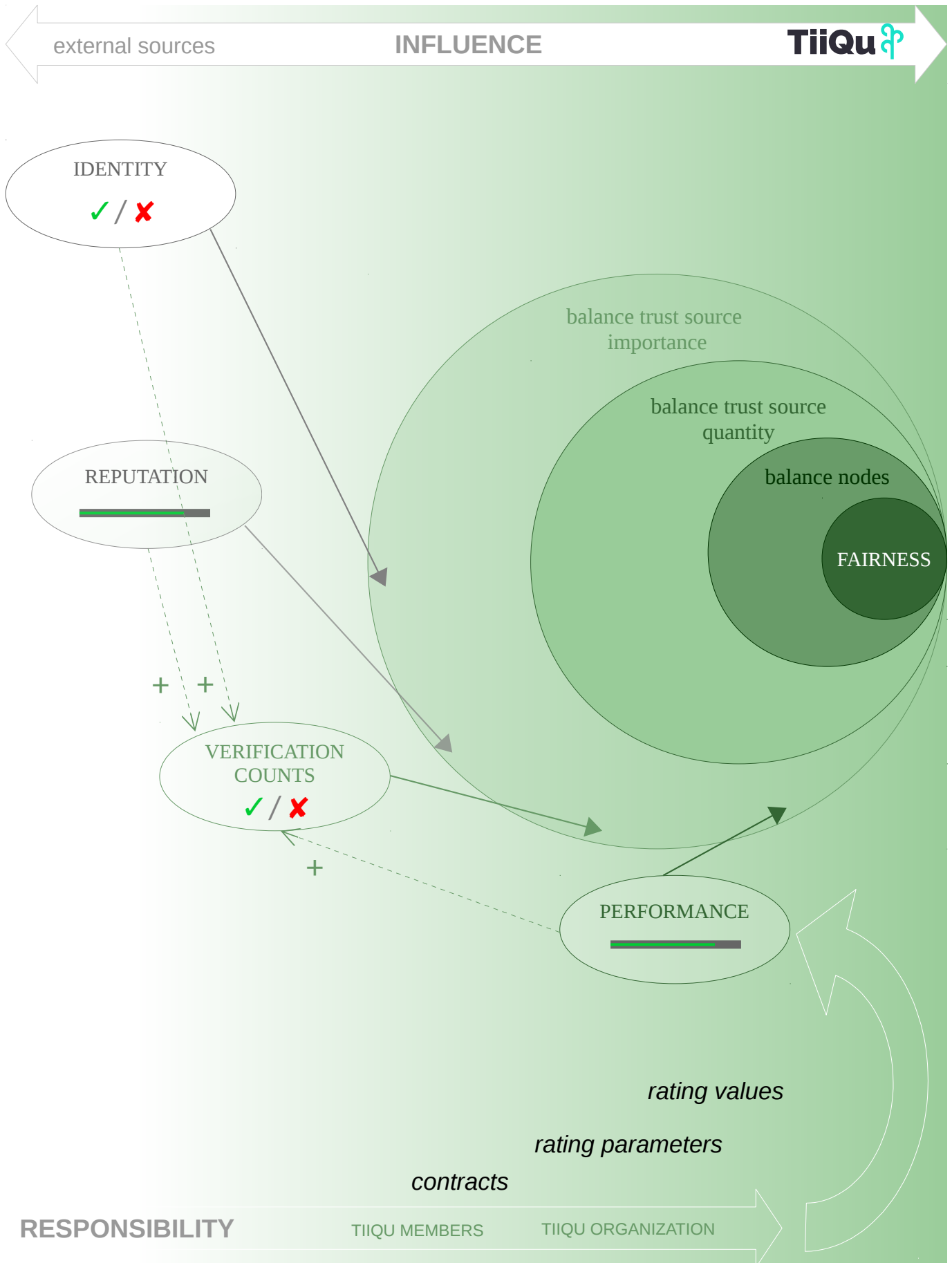
TQ NODES, PORTALS FOR INPUT VALUES

IDENTITY NODE - **Defined by external sources**

- content for confirmation

VERIFICATION NODE - **Defined by the TiiQu organization**

- simple count of received verifications on all other nodes

REPUTATION NODE - **Defined by trust sources sources (external and TiiQu organization)**

- content for reputation rating
- processes to derive rating values
- rating range

PERFORMANCE NODE - **Defined by TiiQu members and the TiiQu organization**

Defined by TiiQu members:

- contract content for completing a mission

Defined by the TiiQu organization:

- minimal contract requirements to enable processes for a fair mutual rating after a completed mission
- processes to enable fair mutual rating after a completed mission
- derive rating parameters from the defined processes
- assign rating values to the derived rating parameters

Challenges for the TiiQu organization

The performance node poses the greatest challenge to introduce fairness into the trust quotient. It consists neither of simple yes/no questions nor of objective subjects. It is the responsibility of TiiQu to create basic conditions which enable a simple recording of the mission and a set of questions after its completion which

- can be answered with a simple yes/no and/or
- reduce subjectiveness to a minimum and enable the participants to look at the fulfilled mission with a clinical view
- allow an interactive discussion about the mutual ratings

To work this out, we need an expert(s) with skills in

- social science
- communication
- contracting
- process analysis and optimization

To continuously improve it we need experts with above skills and qualifications in

- algorithm development and implementation (Python, PHP etc.)
- knowledge of OpenID Connect and OAuth 2.0 APIs
- server administration
- statistics