

TOWARDS THE USE OF THE DISARM  
FRAMEWORK AS A LEVER FOR  
RAISING AWARENESS AND  
PROTECTING AUDIENCES TARGETED  
BY DISINFORMATION OPERATIONS.

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# CONTEXT AND IMPORTANCE

- Disinformation manipulates information to influence decisions and create instability.
- It is increasingly used in geopolitics and hybrid warfare strategies.
- Our article aims to explore countermeasures and build resilience at the individual scale level using DISARM Framework as a scenario engine.

# THE ROLE OF THE INDIVIDUAL

- Disinformation targets individual biases and emotions to spread.
- Collective individual behaviors amplify its societal impact.
- Each person acts as a node in networks of information and disinformation.

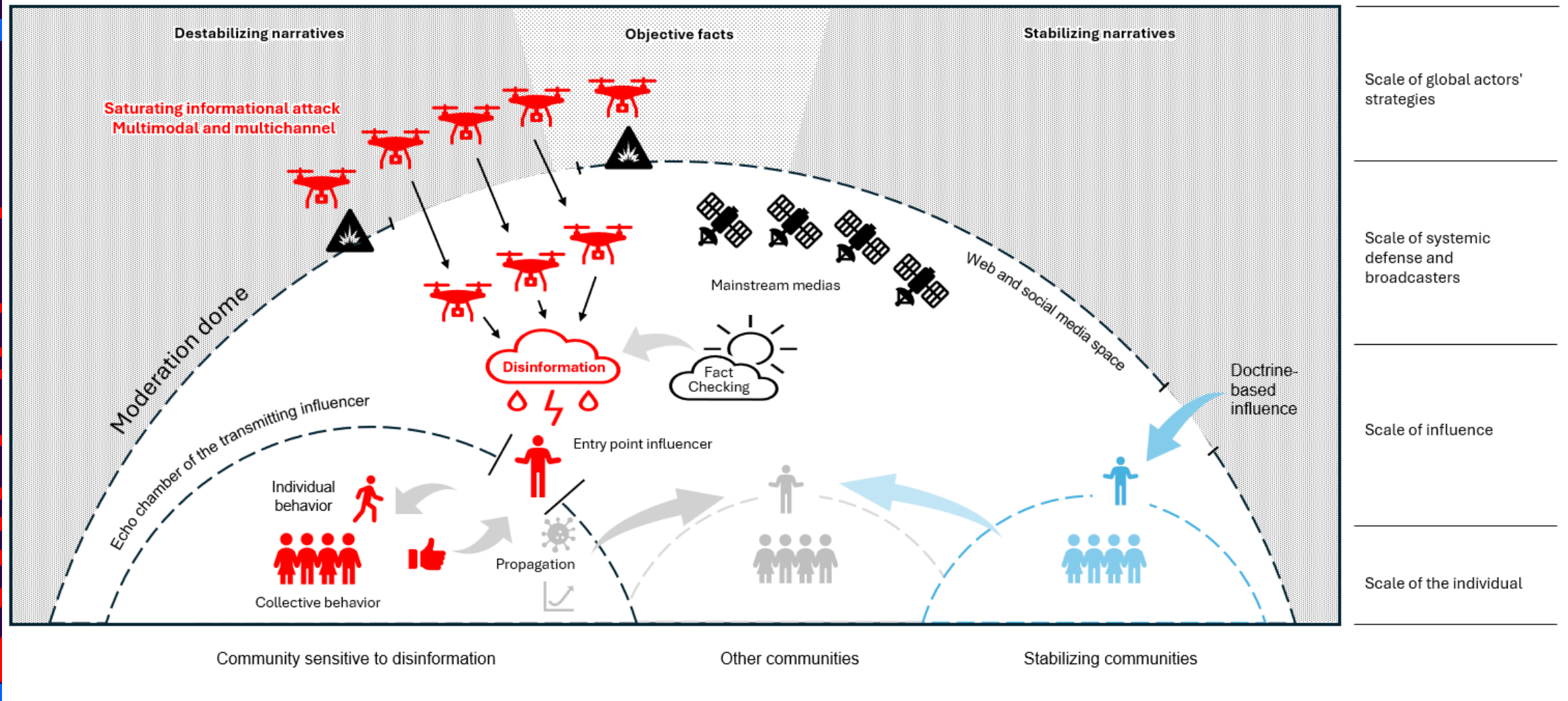
# PROTECTION MEASURES, FR & EU

- Media education is the primary tool against disinformation in France.
- Implementation varies across regions, leading to geographic disparities.
- Finland offers a model of systematic media literacy for other nations.

|                         | Primary School | Middle School | High School | Students | Young Adults | Parents | Citizens | Depth of engagement |
|-------------------------|----------------|---------------|-------------|----------|--------------|---------|----------|---------------------|
| <b>CLEMI</b>            | X              | X             | X           |          |              | X       |          | ***                 |
| <b>Fake Off</b>         |                | X             | X           | X        | X            | X       | X        | ***                 |
| <b>InfoHunter</b>       | X              | X             | X           |          |              |         |          | *                   |
| <b>Ancrages</b>         |                |               |             | X        |              |         |          | *                   |
| <b>Tuba</b>             |                |               |             |          |              |         | X        | *                   |
| <b>Be my media</b>      |                |               | X           | X        |              |         |          | **                  |
| <b>Entre les lignes</b> | X              | X             | X           |          |              |         | X        | **                  |
| <b>Et Baam !</b>        | X              | X             | X           |          |              |         |          | *                   |
| <b>Savoir Devenir</b>   |                | X             | X           | X        |              |         | X        | **                  |

# INFORMATION ATTACKS: FROM GLOBAL TO INDIVIDUAL

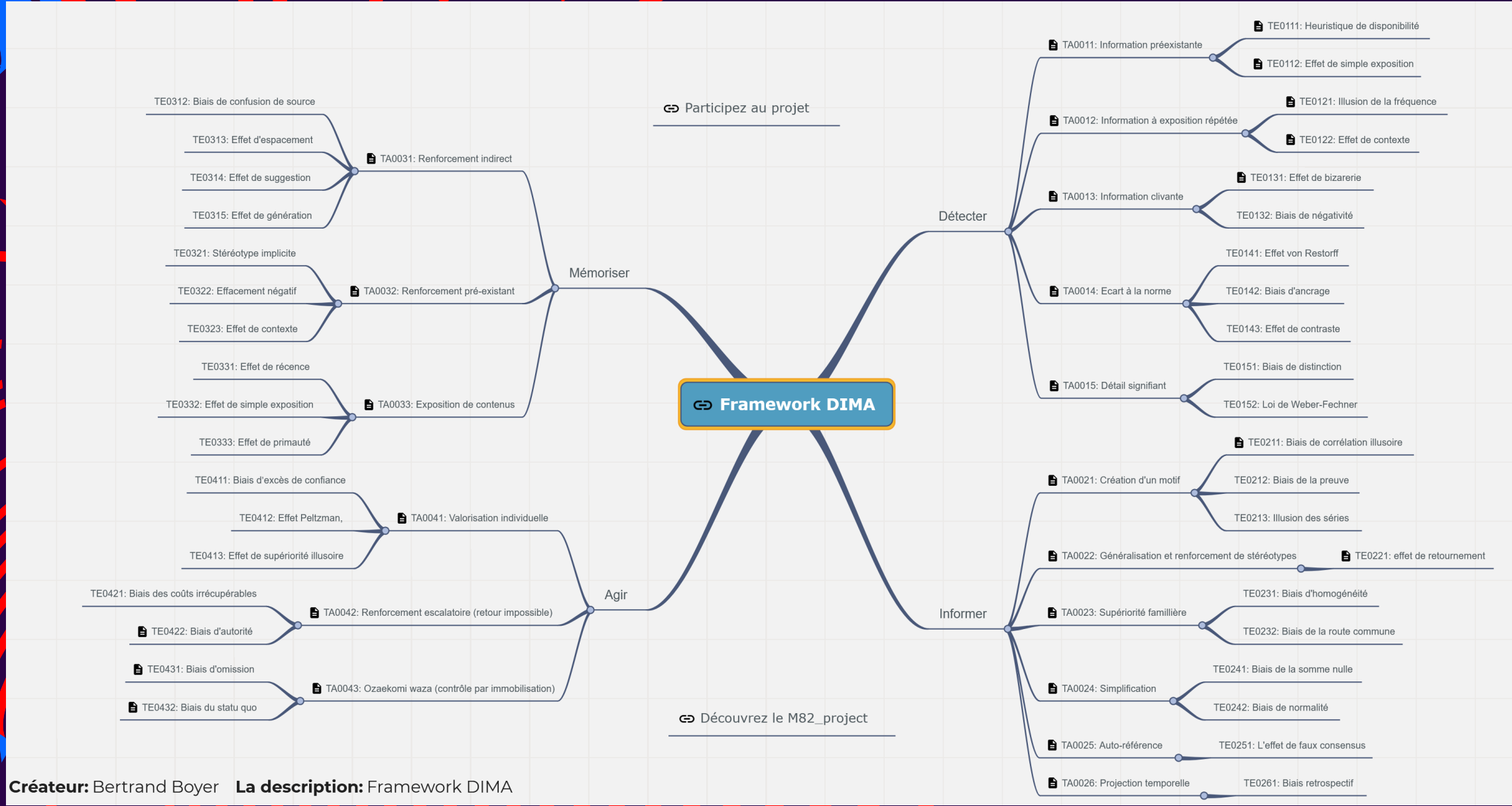
- Disinformation attacks occur globally, systemically, and individually.
- Platforms struggle with moderating harmful content effectively.
- Layered defenses, like the Iron Dome analogy, are essential for resilience.



# COGNITIVE MECHANISMS

- Confirmation bias and emotional responses drive disinformation's spread.
- Sensational falsehoods are more memorable than bland truths.
- Repeated exposure to false information makes it seem credible.





Créateur: Bertrand Boyer La description: Framework DIMA

## 🔗 Framework DIMA

📄 TA0015: Détail signifiant

TE0151: Biais de distinction

TE0152: Loi de Weber-Fechner

📄 TA0021: Création d'un motif

📄 TE0211: Biais de corrélation illusoire

TE0212: Biais de la preuve

TE0213: Illusion des séries

# SOCIAL MEDIA DYNAMICS

- Social media creates echo chambers that reinforce existing beliefs.
- Influencers act as opinion leaders, sharers, or activists in disinformation campaigns.
- Platforms' dopamine-driven reward systems encourage rapid sharing.

# PROPAGATION MECHANISMS

- Epidemic models categorize users as susceptible, infected, or immune.
- Wildfire models show how disinformation spreads explosively through networks.
- The speed and reach of disinformation depend on individual behaviors.

# PROPAGATION MECHANISMS

|                             | <b>Epidemic Model (SI / SIS / SIR)</b>   | <b>Social Influence Model</b>  | <b>Wildfire Spread Model</b>   |
|-----------------------------|--|--|--|
| <b>Conceptual Basis</b>     | Diffusion inspired by biological epidemics (infection / recovery)                      | Propagation through individual influence   | Analogy to forest fire spread model  |
| <b>Individual Scale</b>     | Binary status (infected or not) with transitions between these states                  | Direct influence of one individual on another according to a transmission probability                  | Propagation occurs chaotically depending on local node density and initial configuration |
| <b>Propagation Dynamics</b> | Individuals move through "susceptible," "infected," and potentially "recovered" states | Individuals influence their neighbors, creating a diffusion cascade with variable influence thresholds | Propagation depends on initial conditions, with sudden and unpredictable transitions     |

# THE INDIVIDUAL AS A NODE

- Individuals serve as nodes that spread or disrupt disinformation.
- Social validation mechanisms amplify false narratives.
- Active users play a critical role in network-wide propagation dynamics.

# AWARENESS LEVERS

- Traditional media education alone is insufficient to combat disinformation.
- Innovative tools like simulations and games enhance learning outcomes.
- Digital environments offer opportunities for immersive awareness-building.

# DISARM FRAMEWORK: OVERVIEW

- DISARM's red matrix maps attacker strategies; the blue matrix suggests defenses.
- Its comprehensive taxonomy simplifies complex disinformation operations, with a timeline.
- DISARM supports collaboration across fields and adapts to emerging threats.



# DISARM FRAMEWORK RED

TIME

| Plan                     | Prepare                        | Execute                                | Assess              |
|--------------------------|--------------------------------|--|---------------------|
| Plan strategy            | Develop narratives             | Conduct pump priming                   | Asses effectiveness |
| Plan objectives          | Develop content                | Deliver content                        |                     |
| Target audience analysis | Establish social assets        | Maximize exposure                      |                     |
|                          | Establish legitimacy           | Drive online harms                     |                     |
|                          | Microtarget                    | Drive online activity                  |                     |
|                          | Select channels and affordance | Persist in the information environment |                     |

# DISARM FRAMEWORK RED

| DISARM Red Framework - incident creator TTPs |                                       |                                       |  |   |   |   |  |                                       |                                    |                              |  |   |   |  |                              |
|--|---------------------------------------|---------------------------------------|--|---|---|---|--|---------------------------------------|------------------------------------|------------------------------|--|---|---|--|------------------------------|
| PLAN   |                                       |                                       | PREPARE  |   |   |   |  |                                       | EXECUTE                            |                              |  |   |   |  | ASSESS                       |
| TA01: Plan Strategy                          | TA02: Plan Objectives                 | TA13: Target Audience Analysis        | TA14: Develop Narratives                                 | TA06: Develop Content                       | TA15: Establish Social Assets                           | TA16: Establish Legitimacy                                  | TA05: Microtarget                                    | TA07: Select Channels and Affordances | TA08: Conduct Pump Priming         | TA09: Deliver Content        | TA17: Maximize Exposure  | TA18: Drive Online Harms                        | TA10: Drive Offline Activity              | TA11: Persist in the Information Environment | TA12: Assess Effectiveness   |
| T0073: Determine Target Audiences            | T0002: Facilitate State Propaganda    | T0072: Segment Audiences              | T0003: Leverage Existing Narratives                      | T0015: Create hashtags and search artifacts | T0007: Create Inauthentic Social Media Pages and Groups | T0009: Create fake experts                                  | T0016: Create Clickbait                              | T0029: Online polls                   | T0020: Trial content               | T0114: Deliver Ads           | T0049: Flooding the Information Space                          | T0047: Censor social media as a political force | T0017: Conduct fundraising                | T0059: Play the long game                    | T0132: Measure Performance   |
| T0074: Determine Strategic Ends              | T0066: Degrade Adversary              | T0072.001: Geographic Segmentation    | T0004: Develop Competing Narratives                      | T0019: Generate information pollution       | T0010: Cultivate ignorant agents                        | T0009.001: Utilize Academic/Pseudoscientific Justifications | T0018: Purchase Targeted Advertisements              | T0043: Chat apps                      | T0039: Bait legitimate influencers | T0114.001: Social media      | T0049.001: Trolls amplify and manipulate                       | T0048: Harass                                   | T0017.001: Conduct Crowdfunding Campaigns | T0060: Continue to Amplify                   | T0132.001: People Focused    |
|  | T0075: Dismiss                        | T0072.002: Demographic Segmentation   | T0022: Leverage Conspiracy Theory Narratives             | T0019.001: Create fake research             | T0013: Create inauthentic websites                      | T0011: Compromise legitimate accounts                       | T0101: Create Localized Content                      | T0043.001: Use Encrypted Chat Apps    | T0042: Seed Kernel of truth        | T0114.002: Traditional Media | T0049.002: Hijack existing hashtag                             | T0048.001: Boycott/"Cancel" Opponents           | T0057: Organize Events                    | T0128: Conceal People                        | T0132.002: Content Focused   |
|  | T0075.001: Discredit Credible Sources | T0072.003: Economic Segmentation      | T0022.001: Amplify Existing Conspiracy Theory Narratives | T0019.002: Hijack Hashtags                  | T0014: Prepare fundraising campaigns                    | T0097: Create personas                                      | T0102: Leverage Echo Chambers/Filter Bubbles         | T0043.002: Use Unencrypted Chats Apps | T0044: Seed distortions            | T0115: Post Content          | T0049.003: Bots Amplify via Automated Forwarding and Reposting | T0048.002: Harass People Based on Identities    | T0057.001: Pay for Physical Action        | T0128.001: Use Pseudonyms                    | T0132.003: View Focused      |
|  | T0076: Distort                        | T0072.004: Psychographic Segmentation | T0022.002: Develop Original Conspiracy Theory Narratives | T0023: Distort facts                        | T0014.001: Raise funds from malign actors               | T0097.001: Backstop personas                                | T0102.001: Use existing Echo Chambers/Filter Bubbles | T0103: Livestream                     | T0045: Use fake experts            | T0115.001: Share Memes       | T0049.004: Utilize Spamoflauge                                 | T0048.003: Threaten to Dox                      | T0057.002: Conduct Symbolic Action        | T0128.002: Conceal Network Identity          | T0133: Measure Effectiveness |

# DISARM FRAMEWORK RED

| DISARM Red Framework - incident creator TTPs |                                       |                                       |   |   |                                     |                              |  |   |                            |                            |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
|--|---------------------------------------|---------------------------------------|---|---|-------------------------------------|------------------------------|--|---|----------------------------|----------------------------|--|--------|--|------------|--------|---------|------------|-------|-----------------|------------|---------------|----------------|-----------|-----------|--|--------------|--|--|--|--|--|-----------|----------|-----------------|-------|--|--|------------------------------|--|----------------------------|
| PLAN   |                                       |                                       |   | PREPARE   |                                     |                              |  | EXECUTE                                   |                            |                            |  | ASSESS |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
| TA01: Plan Strategy                          | TA02: Plan Objectives                 | TA13: Target Audience Analysis        | TA14: Develop Narrative                               | <h2>DISARM Objects</h2> <p>The disarm frameworks contain many object types, including tactic stages (steps in an incident), and techniques (activities at each tactic stage). We also have data objects to show how the frameworks are used in practice, and to make our datasets on tools and responders available.</p> <table border="1"> <thead> <tr> <th colspan="6">Framework objects</th> </tr> <tr> <th>Frameworks</th> <th>Phases</th> <th>Tactics</th> <th>Techniques</th> <th>Tasks</th> <th>Countermeasures</th> </tr> </thead> <tbody> <tr> <td>Detections</td> <td>Responsetypes</td> <td>Metatechniques</td> <td>Playbooks</td> <td>Resources</td> <td></td> </tr> <tr> <th colspan="6">Data objects</th> </tr> <tr> <td>Incidents</td> <td>Examples</td> <td>External Groups</td> <td>Tools</td> <td></td> <td></td> </tr> </tbody> </table> <p>Disarm objects are described in detail <a href="#">here</a>.</p> |                                     |                              |  | Framework objects                         |                            |                            |  |        |  | Frameworks | Phases | Tactics | Techniques | Tasks | Countermeasures | Detections | Responsetypes | Metatechniques | Playbooks | Resources |  | Data objects |  |  |  |  |  | Incidents | Examples | External Groups | Tools |  |  | TA10: Drive Offline Activity | TA11: Persist in the Information Environment | TA12: Assess Effectiveness |
| Framework objects                            |                                       |                                       |   |   |                                     |                              |  |   |                            |                            |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
| Frameworks                                   | Phases                                | Tactics                               | Techniques  |   |                                     |                              |  | Tasks                                     | Countermeasures            |                            |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
| Detections                                   | Responsetypes                         | Metatechniques                        | Playbooks   |   |                                     |                              |  | Resources                                 |                            |                            |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
| Data objects                                 |                                       |                                       |   |   |                                     |                              |  |   |                            |                            |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
| Incidents                                    | Examples                              | External Groups                       | Tools   |   |                                     |                              |  |   |                            |                            |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
| T0073: Determine Target Audiences            | T0002: Facilitate State Propaganda    | T0072: Segment Audiences              | T0003: Leverage Existing Narrative                    |   |                                     |                              |  | T0017: Conduct fundraising                | T0059: Play the long game  | T0132: Measure Performance |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
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|  | T0075.001: Discredit Credible Sources | T0072.003: Economic Segmentation      | T0022.00: Amplify Existing Conspirac Theory Narrative |   |                                     |                              |  | T0057.001: Pay for Physical Action        | T0128.001: Use Pseudonyms  | T0132.003: View Focused    |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |
|  | T0076: Distort                        | T0072.004: Psychographic Segmentation | T0022.00: Develop Original Conspirac Theory Narrative | T0057.002: Conduct Symbolic Action  | T0128.002: Conceal Network Identity | T0133: Measure Effectiveness |  |   |                            |                            |  |        |  |            |        |         |            |       |                 |            |               |                |           |           |  |              |  |  |  |  |  |           |          |                 |       |  |  |                              |  |                            |

# DISARM FRAMEWORK RED

## DISARM Red Framework - incident creator TTPs

| PREPARE  |                                     |                               |   |                                     |                             |
|--|-------------------------------------|-------------------------------|---|-------------------------------------|-----------------------------|
| TA15:<br>Establish<br>Social<br>Assets                                       | TA16:<br>Establish<br>Legitimacy    | TA05:<br>Microtarget          | TA07:<br>Select<br>Channels<br>and<br>Affordances | TA08:<br>Conduct<br>Pump<br>Priming | TA09:<br>Deliver<br>Content |
| T0007:<br>Create<br>Inauthentic<br>Social<br>Media<br>Pages<br>and<br>Groups | T0009:<br>Create<br>fake<br>experts | T0016:<br>Create<br>Clickbait | T0029:<br>Online<br>polls                         | T0020:<br>Trial<br>content          | T0114:<br>Deliver<br>Ads    |

# DISARM FRAMEWORK RED

## DISARM Red Framework - incident creator TTPs

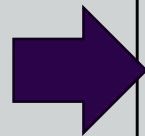
PREPARE

TA15:  
Establish  
Social  
Assets

TA16:  
Establish  
Legitimacy

T0007:  
Create  
Inauthentic  
Social  
Media  
Pages  
and  
Groups

T0009:  
Create  
fake  
experts



### DISARM Framework Explorer

#### T0009 "Create fake experts"

Tactic stage: TA16

Summary: Stories planted or promoted in computational propaganda operations often make use of experts fabricated from whole cloth, sometimes specifically for the story itself.

#### Relationships

Has counters:

- C00008 Create shared fact-checking database
- C00011 Media literacy. Games to identify fake news
- C00012 Platform regulation

### DISARM | Tactiques, techniques et procédures

Traduction française  
Version 1.0 - Février 2024



## TA02 : Planifier les objectifs | *Plan Objectives*

Définir des objectifs intermédiaires permettant d'atteindre l'état final recherché.

### T0139 : Dissuader d'agir | *Dissuade from Acting*

Décourager ou empêcher la cible de mener des actions qui seraient défavorables à l'attaquant, en faisant en sorte que celle-ci se retienne elle-même de voter, d'acheter, de combattre ou d'apporter son soutien.

#### T0139.001 : Décourager | *Discourage*

Faire en sorte que la cible soit réticente à agir. Les manipulateurs exploitent la désinformation afin que la cible s'interroge sur l'utilité, la légalité ou la moralité de ses actions.

### T0048 : Harceler | *Harass*

Il s'agit d'utiliser des techniques d'intimidation (*cyberbullying, doxing*) pour décourager les opposants d'exprimer leur désaccord.

#### T0048.001 : Pratiquer la culture de l'effacement | *Boycott/»Cancel» Opponents*

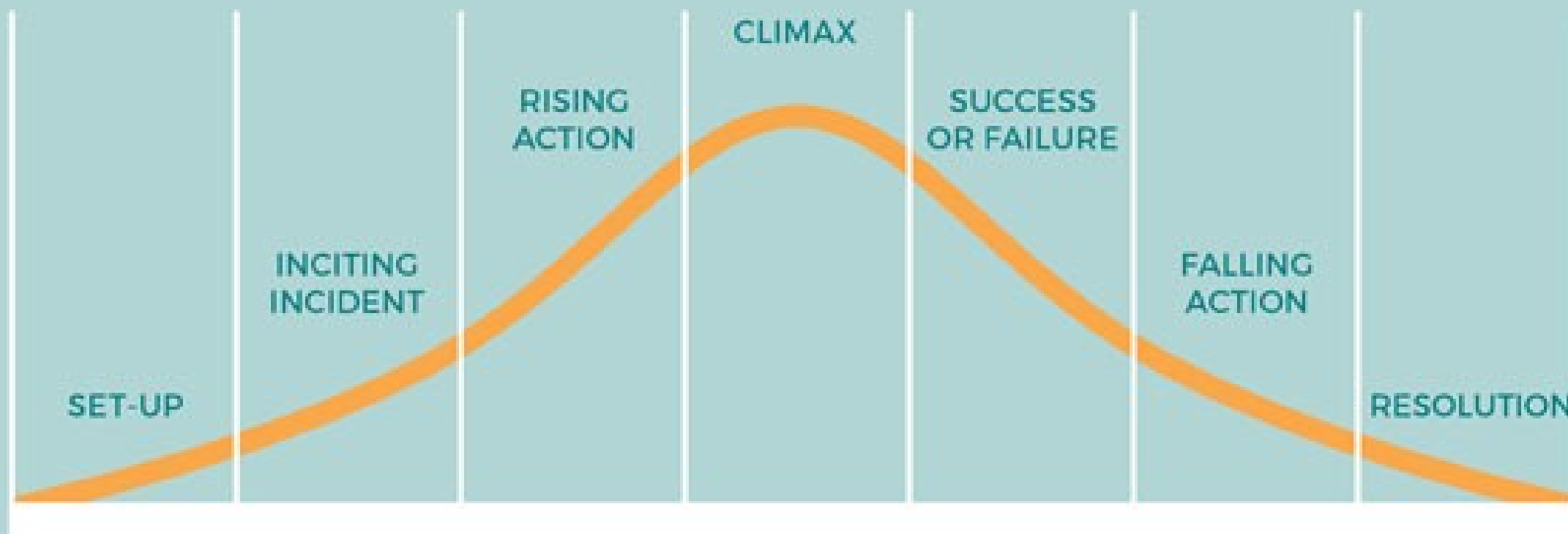
La culture de l'effacement (*cancel culture*) est une pratique consistant à dénoncer publiquement, en vue de leur ostracisation, des individus, groupes ou institutions responsables d'actes, de comportements ou de propos perçus comme inadmissibles. Sur les réseaux sociaux, l'opérateur d'une campagne peut mettre l'accent sur un comportement controversé de son adversaire et proposer comme alternative son propre contenu.

# STORY ARC

## NARRATIVE ARC



ProWritingAid



# DISARM FRAMEWORK BLUE

| <b>Plan</b>                    | <b>Prepare</b>                       | <b>Execute</b>                        | <b>Assess</b>                        |
|--------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|
| Develop counter-strategy       | Counter malicious narratives         | Detect and disrupt pump priming       | Evaluate defense effectiveness       |
| Identify communication goals   | Promote factual and credible content | Amplify factual information           | Assess audience reach                |
| Analyze target vulnerabilities | Build resilient social structures    | Counteract harmful content            | Measure changes in public perception |
| Build trusted networks         | Strengthen legitimacy of sources     | Respond to online harms in real-time  | Analyze impact of interventions      |
| Select secure channels         | Target misinformation hubs           | Monitor and minimize harmful activity | Refine tools and processes           |



# DISARM FRAMEWORK BLUE

| DISARM Blue Framework - responder TTPs                                |  |  |   |  |  |  |  |  |  |
|---|--|--|---|--|--|--|--|--|--|
| TA01:<br>Plan Strategy  | TA02:<br>Plan Objectives   | TA05:<br>Microtarget   | TA06:<br>Develop Content  | TA07:<br>Select Channels and Affordances                                       | TA08:<br>Conduct Pump Priming  | TA09:<br>Deliver Content   | TA11:<br>Persist in the Information Environment                | TA12:<br>Assess Effectiveness                        | TA15:<br>Establish Social Assets                                     |
| C00016:<br>Censorship   | C00207:<br>Run a competing disinformation campaign - not recommended | C00065:<br>Reduce political targeting                                  | C00085:<br>Mute content   | C00195:<br>Redirect searches away from disinformation or extremist content     | C00117:<br>Downgrade / de-amplify so message is seen by fewer people             | C00147:<br>Make amplification of social media posts expire (e.g. can't like/ retweet after n days) | C00138:<br>Spam domestic actors with lawsuits                  | C00140:<br>"Bomb" link shorteners with lots of calls | C00040:<br>third party verification for people                       |
| C00017:<br>Repair broken social connections                           | C00164:<br>compatriot policy   | C00066:<br>Co-opt a hashtag and drown it out (hijack it back)          | C00014:<br>Real-time updates to fact-checking database                                | C00098:<br>Revocation of allowlisted or "verified" status                      | C00119:<br>Engage payload and debunk.  | C00128:<br>Create friction by marking content with ridicule or other "decelerants"                 | C00139:<br>Weaponise youtube content matrices                  | C00148:<br>Add random links to network graphs        | C00059:<br>Verification of project before posting fund requests      |
| C00019:<br>Reduce effect of division-enablers                         | C00092:<br>Establish a truth teller reputation score for influencers | C00178:<br>Fill information voids with non-disinformation content      | C00032:<br>Hijack content and link to truth-based info                                | C00105:<br>Buy more advertising than misinformation creators                   | C00120:<br>Open dialogue about design of platforms to produce different outcomes | C00129:<br>Use banking to cut off access   | C00131:<br>Seize and analyse botnet servers                    | C00149:<br>Poison the monitoring & evaluation data   | C00058:<br>Report crowdfunder as violator                            |
| C00021:<br>Encourage in-person communication                          | C00222:<br>Tabletop simulations                                      | C00216:<br>Use advertiser controls to stem flow of funds to bad actors | C00071:<br>Block source of pollution  | C00103:<br>Create a bot that engages / distract trolls                         | C00121:<br>Tool transparency and literacy for channels people follow.            | C00182:<br>Redirection / malware detection/ remediation  | C00143:<br>(botnet) DMCA takedown requests to waste group time |  | C00172:<br>social media source removal                               |
| C00022:<br>Innoculate. Positive campaign to promote feeling of safety | C00070:<br>Block access to disinformation resources                  | C00130:<br>Mentorship: elders, youth, credit. Learn vicariously.       | C00072:<br>Remove non-relevant content from special interest groups - not recommended | C00101:<br>Create friction by rate-limiting engagement                         | C00112:<br>"Prove they are not an op!"   | C00200:<br>Respected figure (influencer) disavows misinfo  |  |  | C00056:<br>Encourage people to leave social media                    |
| C00006:<br>Charge for social media                                    | C00169:<br>develop a creative content hub                            |  | C00074:<br>Identify and delete or rate limit identical content                        | C00097:<br>Require use of verified identities to contribute to poll or comment | C00100:<br>Hashtag jacking   | C00109:<br>Dampen Emotional Reaction   |  |  | C00053:<br>Delete old accounts / Remove unused social media accounts |
| C00024:<br>Promote healthy narratives                                 | C00060:<br>Legal action against for-profit engagement factories      |  | C00075:<br>normalise language   | C00099:<br>Strengthen verification methods                                     | C00154:<br>Ask media not to report false information                             | C00211:<br>Use humorous counter-narratives   |  |  | C00052:<br>Infiltrate platforms                                      |
| C00026:<br>Shore up democracy based messages                          | C00156:<br>Better tell your country or organization story            |  | C00076:<br>Prohibit images in political discourse channels                            | C00090:<br>Fake engagement system  | C00136:<br>Microtarget most likely targets then send them countermessages        | C00122:<br>Content moderation  |  |  | C00062:<br>Free open library sources worldwide                       |
| C00027:<br>Create culture of civility                                 | C00028:<br>Make information provenance available                     |  | C00078:<br>Change Search Algorithms for Disinformation Content                        |  | C00188:<br>Newsroom/Journalist training to counter influence moves               | C00123:<br>Remove or rate limit botnets  |  |  | C00162:<br>Unravel/target the Potemkin villages                      |

## DISARM Blue Framework - responder TTPs

|                          |  |   |
|--------------------------|--|---|
| TA06:<br>Develop Content | TA07:<br>Select Channels and<br>Affordances                                      | TA08:<br>Conduct Pump Priming   |
| C00085:<br>Mute content  | C00195:<br>Redirect searches away from<br>disinformation or extremist<br>content | C00117:<br>Downgrade / de-amplify so<br>message is seen by fewer people |



### C00195 "Redirect searches away from disinformation or extremist content "

Tactic stage: TA07

Metatechnique: M002

Summary: Use Google AdWords to identify instances in which people search Google about particular fake-news stories or propaganda themes. Includes Monetize centrist SEO by subsidizing the difference in greater clicks towards extremist content.

Counters techniques:

- T0010 Cultivate ignorant agents
- T0016 Create Clickbait
- T0018 Purchase Targeted Advertisements
- T0022 Leverage Conspiracy Theory Narratives
- T0045 Use fake experts
- T0046 Use Search Engine Optimization

# CITIZEN RESPONSIBILITY

- Individuals must verify and share information responsibly.
- Communities play a vital role in promoting media literacy and accountability.
- Personal actions contribute to a healthier information ecosystem.

# OPPORTUNITIES FOR GAMIFICATION

- Games like “Bad News” let players experience disinformation tactics firsthand.
- Role-reversal strategies teach how disinformation campaigns are constructed.
- DISARM can be a scenario creation engine and a way for individuals to discover what they are involved in.

# FUTURE WORK AND VISION

- Future work focuses on creating scalable, gamified awareness tools.
- Collaboration between public and private sectors enhances impact.
- A unified vision can drive global resilience against disinformation.

# THANK YOU FOR YOUR ATTENTION

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